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Bacteria Largest bacterium found (*Thiomargarita namibiensis*) (Bradbury 1334 N); Molecular identification by intuitive hypertext-based method (Harmsen et al 291 R); Natural inhibitor (lacticin 3147) effective against food poisoning organisms (2045 N)
Bacterial infection Acute myocardial infarction link (Senior 472 N); Pathogenesis of variceal bleeding (hypothesis) (Goulis et al 139) (Basili et al 1102 C)
Bacterial vaginosis IGF-1 binding protein-1 in cervix as marker of complications in pregnancy (Kekki et al 1494 R)
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Blood mucosal barrier Failure and effects (Marston 1875 Es)
Blood pressure Ambulatory monitoring and guidelines for (O'Brien and Staessen 1541 Com); Diurnal rhythm and effect on haemorrhagic cardiovascular events (Manfredini et al 643 R) (Kario and Pickering 1800 C) (Manfredini et al 1800 C); Effects of drinking water (Jordan et al 723 R) (Jordan et al 1971 C) (Senard et al 1971 C); Measurement, training and assessment for students (Frankel 1858 N); Prediction and relationship to stress response (2217 N); Reduced by T'ai Chi in elderly (Morris 904 N); Reduction with nitrendipine in vascular dementia prevention trial (Syst-Eur) (Pahor et al 235 C) (Zuccalà et al 235 C) (Forette et al 236 C) (Leys and Pasquier 236 C) (Kario and Pickering 1184 C); Trandolapril use in diabetic neuropathy (Stoschitzky 926 C) (Bell et al 927 C) (Malik et al 927 C); *See also* Hypertension
Blood products Ban lifted for products from CJD donor in Canada (Kondro 132 N); Bayer Advisory Council on Bioethics reports and role (Cash and Boyd 691 Com); French ministers acquitted in infected blood trial (Durand de Bousingen 992 N); French ministers on trial over scandal (Durand de Bousingen 653 N); Italian safety scandal and incorrect allegations over former Minister of Health (De Lorenzo 1364 C); Tainted-blood settlement for secondary infections (of spouses/parents) in Canada (Kondro 47 N)
Blood transfusion Bayer's Advisory Council on Bioethics (Cash and Boyd 691 Com); Enzyme-replacement therapy by, for triosephosphate isomerase deficiency (Ationu et al 1155 R); Jehovah's Witnesses (Wilcox 757 C); Self-sufficiency in Ireland (Birchard 2221 N); SHOT scheme report (904 N); Transfusion-transmitted virus (TTV) identified in Brazil (300 N); US recipients at risk of HCV to be identified (Ault 1686 N)
Blood vessels Changes in mesencephalon in Parkinson's disease (Faucheux et al 981 R); Changes in wall as risk factor for venous thrombosis (Verougstraete 2158 C); Growth *see* Angiogenesis
Blood-bank Blood donation screening for HCV, HBV and HIV-1 by PCR (Roth et al 359) (Roth and Seifried 1441 C) (Winceslaus 1441 C) (Barin 1799 C) (Roth and Seifried 1799 C)
Blood-brain barrier Disturbances, predictive value of gadolinium-enhanced MRI for relapse and disability changes in multiple sclerosis (Kappos et al 964)
Blood-gut interface (Marston 1875 Es)
Body composition ACE gene insertion/deletion polymorphism and (Montgomery et al 541) (Beech 1884 C)
Body fat Abnormal distribution in HIV-1-infected children on antiretrovirals (Babl et al 1243 R)
Body mass index (BMI) Changes in children and monitoring (Voss and Mulligan 413 C) (Cole et al 1188 C) (Voss and Mulligan 2070 C); Characteristics of male attractiveness and (Maisey et al 1500 R)
Body-building supplement Failure of androstenedione to strength muscles and adverse health effects (Birchard 1943 N)
Body-packers Paraffin-induced cocaine intoxication (Marc and Baud 238 C) (McKinney and Hauswald 239 C)
Bolivia Yellow fever (648 N); Yellow fever re-emergence (Monath 1541 Com) (Van der Stuyft et al 1558)
Bone Archaeological mystery in Trinity College (Dublin) (Birchard 1337 N); Biopsy, in Erdheim-Chester disease (case report) (Oliveira et al 2034); Demineralisation caused by environmental exposure to cadmium (Staessen et al 1140); Fragility associated with environmental exposure to cadmium (Staessen et al 1140); Grafts and substitutes (Van Heest and Swiontkowski sI28); Growth regulation by bone morphogenetic proteins (BMPs) (Bonn 650 N)
Bone cancer Treatment refused by boy in Canada (Kondro 1078 N)
Bone marrow Reinfusion, effect on peripheral serotonin metabolism (Wymenga et al 293 R)
Bone marrow transplantation Aplastic anaemia recurrence in donor cells after (Melenhorst et al 2037 R); Autologous, in multiple myeloma (Gahrton 85 Com); Mismatched in refractory lymphomas and mixed chimerism induced by non-myeloablative conditioning (Falkenburg and Kluin-Nelemans 1725 Com) (Sykes et al 1755); Role of haemopoietic stem-cell transplantation and future prospects (Leiper 1544 Com); Tacrolimus refused approval by FDA (305 N)
Bone morphogenetic proteins (BMPs) BMP-7 applications (Bonn 650 N); Regulation of bone growth and applications in fractures and renal failure (Bonn 650 N)
Bone pain Hypovitaminosis D due to fat malabsorption after small bowel resection (case report) (Mingrone et al 806); Pamidronate-induced, in cystic fibrosis and increased cytokines (Teramoto et al 750 C) (Haworth et al 1886 C)
Bosnia Medical consequences of war (Horton 2139); Restoration of health care and prevention of adverse health effects of war (Horton 2223)
Bovet D (Raju 1981)
Bovine somatotropin, recombinant Controversy over Codex report and doubts on safety (Morris 1165 N); Milk safety questioned and Canadian ban (Morris 306 N); Moratorium in UK should continue (Ashraf 2220 N)
Bovine spongiform encephalopathy (BSE) Background to nvCJD cases and lessons to be learnt (939 E); Inquiry report due (June 1999) (939 E); Inquiry timetable (Senior 1502 N); Tests in humans based on tonsil specimens (300 N)
Boys Cancer treatment refusal in lieu of prayer in Canada (Kondro 1078 N); Circumcision (Fischbacher 669 C) (Dalton 670 C) (Van Howe and Cold 670 C)
Brain Activation during hypnosis (Larkin 386 N); Activation increased by oestrogen in postmenopausal women (Bradbury 1245 N); Albert Einstein's (Witelson et al 2149); Damage by drugs during pregnancy (Bradbury 126 N); Isolated angiitis of CNS presenting with rapidly progressive dementia (case report) (Börnke et al 1150); Mesial orbitofrontal

cerebral lesion causing behavioural changes (case report) (Cohen et al 34); MRI-associated changes predictive of decline in Alzheimer's disease (Larkin 1417 N); Non-traumatic injury, enhanced pulmonary inflammation in organ donors after (Fisher et al 1412 R); Object processing and face-recognition system (Carter 246); "Preclinical" Alzheimer's disease changes (Larkin 817 N); Regions involved in articulation and role of Broca's area (Donnan et al 1031 Com) (Wise et al 1057); Structural abnormalities in high risk group for schizophrenia (Harrison 3 Com) (Lawrie et al 30); Structure in adolescents born very preterm (Stewart et al 1653); Structure (websites) (Larkin 246)

Brain cancer EC authorisation for new drugs (temozolomide) (Sansom 472 N)

Brain death Pulmonary inflammation in organ donors after nontraumatic brain injury (Fisher et al 1412 R)

"Brain drain" Canada-USA (Ferry 216 N)

Brain natriuretic peptide (BNP) Validation of aminoterminal BNP assays (Yandle et al 1068 R)

Brain proton spectroscopy (MRS) In dementia diagnosis (Rai et al 1063 R)

Brain surgery Awake, use and benefits (Larkin 1772 N)

Brazil AIDS preventive measures and savings (1424 N); AIDS statistics (Csillag 2221 N); Caesarean section rate reduced (1166 N); Fly-trap failure (Chapman 244 C); New health-surveillance agency approved (Csillag 304 N); Psychiatric hospitals rationalised (Csillag 569 N); Sex education as key to AIDS control (Csillag 2221 N); Transfusion-transmitted virus (TTV) (300 N)

***BRCA1* gene** Genetic counselling and informed consent for testing (Peshkin and Lerman 2176 Com); Mutations and mammography in Asian patients (Chang et al 2070 C); Mutations in small proportion of familial breast cancer in UK (Bonn 2043 N)

***BRCA2* gene** Genetic counselling and informed consent for testing (Peshkin and Lerman 2176 Com); Mutations in male breast-cancer and risk of breast cancer in offspring (Storm and Olsen 209 R) (Hemminki and Vaittinen 1186 C); Mutations in small proportion of familial breast cancer in UK (Bonn 2043 N)

Breast Awareness not self-examination as UK policy (Moore 1073 N); Large-core needle biopsy *vs* surgery (clinical trial) (Senior 1595 N); Self-examination, increased anxiety after excessive examination (Moore 1073 N)

Breast cancer *BRCA* mutations in small proportion of familial cases in UK (Bonn 2043 N); Chemotherapy trial concerns in Japan (Aoki 1019 C) (Watanabe 1019 C) (Kawabata and Ueno 2077 C); Cirrhosis with steatohepatitis after tamoxifen (Oien et al 36 R) (Saibara et al 1802 C); Conference in Ireland (1508 N); Diagnosis delays and contradiction over outcome effects (Coates 1112 Com) (Richards et al 1119) (Sainsbury et al 1132) (Benson 2154 C) (Nosarti et al 2154 C) (Patel et al 2154 C) (Bentzen et al 2155 C) (Richards et al 2155 C); Diagnosis delays and phases (Coates 1112 Com); Ductal carcinoma in situ (DCIS), recurrence prevention by tamoxifen (randomised trial) (Wilcken 1986 Com) (Fisher et al 1993); ErbB2 oversignalling, detection with phosphorylation-state-specific antibodies (Ouyang et al 1591 R); Factors predicting delayed presentation (systematic review) (Coates 1112 Com) (Ramirez et al 1127); GMC guidelines on screening and evidence-based medicine (Thornton 2249 C); Hereditary and genetic counselling for (Peshkin and Lerman 2176 Com); High-dose chemotherapy data reported at ASCO meeting (McNamee 1771 N); High-dose chemotherapy no better than lower dose chemotherapy (meeting report) (Mitchell 1418 N); High-dose chemotherapy trials inconclusive (1633 E); HRT linked with good prognosis (2043 N); Lymph node dissection decision and factors involved (1246 N); Maternal risk after premature delivery (Hsieh et al 1239 R) (Lapillonne et al 2075 C); Postoperative radiotherapy in high-risk cases given adjuvant tamoxifen (Danish randomised trial) (Overgaard et al 1641); Primary prevention by tamoxifen (Wilcken 1986 Com); Risk after palpable breast cysts (Dixon et al 1742); Risk in offspring of male breast-cancer patients (Storm and Olsen 209 R) (Hemminki and Vaittinen 1186 C); Risk reduced by prophylactic bilateral mastectomy (Larkin 301 N); Risk reduced by raloxifene (Husten 44 N); Risk reduction in postmenopausal women by raloxifene (MORE trial) (Senior 2131 N); Screening for women aged 40-49 years and need for education (randomised trial and follow-up) (Dickersin 1896 Com) (Alexander et al 1903) (UK Trial of Early Detection of Breast Cancer Group 1909); Sentinel node and acceptable false-negative rate (Rozenberg et al 1937 r); Surgery and impact of randomised trials (Baum sl6); Tamoxifen prevention trial and drop-out rate (Veronesi et al 244 C) (Cuzick and Edwards 930 C); Ultrasound of lateral thoracic arteries for detection (Obwegeser et al 1938 R); Women at risk and cultural basis for difference recommendations in France/UK (Eisinger et al 919) (Chang et al 2070 C) (Berer 2071 C)

Breast cysts Breast cancer risk after (Dixon et al 1742)

Breast implants "Bias of expert" challenge failure in US (Sharp 1506 N); Compensation cases and role of expert panels (1455 E); Litigation case and highlights (by date) (Sharp 1506 N); No syndrome caused by but local problems (Mitchell 2215 N); Settlement plan (2050 N); Withdrawal of soy-bean oil containing implants in UK (Bradbury 903 N)

Breast milk Substitutes, market and business expansion in Italy (Simini 1077 N)

Breastfeeding Control of frequency and mother-infant relationship (Manz et al 1152 R); HIV-infected mother barred in US (McCarthy 1506 N); Promotion by home-based peer counselling (randomised trial) (Morrow et al 1226); Short-course zidovudine for prevention of perinatal HIV infection (randomised trial) (Mofenson 766 Com) (Dabis et al 786) (Graham and Newell 836)

Breath tests Volatile organic compounds in breath in lung cancer (Rizvi and Hayes 1897 Com) (Phillips et al 1930)

Brill-Zinsser disease In France (Stein et al 1936 R)

"Bristol case" surgeons Inquiry likely to recommend compulsory continuing education (Ramsay 1159 N); Inquiry opened (Ramsay 987 N); Witnesses clash over evidence at inquiry (Ramsay 1776 N)

British Biotech Poor marimastat results cause share price drop (Bradbury 649 N)

British Medical Association (BMA) Appeal to cancel debt burden for poor countries (994 N); GM crop safety report and controversy (Mitchell and Bradbury 1769 N); Principles published on withholding and withdrawing of treatment (Ashraf 2220 N); Public trust in doctors (opinion poll) (384 N); Y2K compliance of NHS computers and concerns (Ferry 1162 N)

British Medical Journal Advertising of medicines via Internet version and MCA considerations (Ashraf 2136 N)

British Nuclear Test Veterans Association (BNTVA) Health effects of nuclear testing (survey) and official inquiries in UK and Australia (Tattam 299 N)

Broca's aphasia (Donnan et al 1031 Com)

Broca's area Role in articulation (Donnan et al 1031 Com) (Wise et al 1057)

Bronchial hyperreactivity In asthmatic children and susceptibility to air pollution (Burney 859 Com) (Boezen et al 874)

Bruising Acquired factor XIII inhibitor causing (case report) (Standen et al 1934)

BTSTEPS Computer-based voice-activated telephone system (Mitchell 2046 N)

Budesonide Long-term effect in COPD (randomised trial) (Vestbo et al 1819)

Buffalo hump Liposuction for in protease inhibitor-associated lipodystrophy (Ponce-de-Leon et al 1244 R); Protease inhibitors associated in HIV-1-infected children (Babl et al 1243 R)

"Bug zappers" Allergic insect particle release and concerns (Pearson 2044 N)

Bulgakov M *A Country Doctor's Notebook* (Oransky 2059)

Bulgaria Libya asked to release detainees (Kandela 735 N)

Bulimia nervosa Compulsory hospital admission (Bosch 993 N); Rhabdomyolysis secondary to hypokalaemia and presenting with muscle pain after exercise (case report) (Nielsen and Mazzone 1062)

Bupropion hydrochloride Smoking cessation improvement (Senior 384 N)

Buproprion In nicotine patches and effect on smoking cessation (905 N)

Burkholderia Species and identification problems (Peltroche-Llacsahuanga and Haase 1016 C)

***Burkholderia pseudomallei* infection (melioidosis)** Imported in England/Wales (Dance et al 208 R) (Peltroche-Llacsahuanga and Haase 1016 C) (Torrens et al 1016 C)

Burkina Faso Fatal encephalopathy epidemic in children after consumption of unripe ackee fruit (Meda et al 536) (Küpfer and Idle 1622 C) (Quere et al 1623 C) (Sherratt and Turnbull 1623 C); Short-course zidovudine for prevention of perinatal HIV infection (randomised trial) (Mofenson 766 Com) (Dabis et al 786)

Burnet F M (Raju 2253)

Burns Extensive, management by hyaluronic acid with cultured autologous keratinocytes/fibroblasts (Harris et al 35 R); Hypnosis use (Larkin 386 N); Prediction of death after (Choinière et al 2211 R); Resuscitation and care improvement and organisation of burns units (Senior 1248 N)

Buruli ulcer *Mycobacterium ulcerans* transmission by insects (Portaels et al 986 R)

C

CA 125 antigen Ovarian cancer screening pilot trial (Jacobs et al 1207)

CADASIl Notch signalling block causing and potential risks of presenilin inhibitors (Larkin 1245 N)

Cadmium Environmental exposure and link to skeletal demineralisation and fracture risk (Staessen et al 1140)

Caduceus Emblem confusion with Aesculapius (Finn et al 1978 C)

Caesarean section Elective, for prevention of vertical transmission of HIV-1 (randomised trial) (Hudson 1030) (European Mode of Delivery Collaboration 1035) (1714 correction) (Anderson et al 2240 C) (Parazzini et al 2240 C) (Skinner and Turner 2240 C) (Hudson 2241 C) (Shields 2241 C); Rate reduced in Brazil (1166 N); Risk associated with epidural analgesia (Halpern and Leighton 1801 C); Risk with epidural analgesia disproved (Larkin 45 N) (Wagner 594 C)

Calcineurin (Force et al 1290 Com)

Calcineurin inhibitors Cardiac hypertrophy prevention (Force et al 1290 Com); Immunosuppressive agents in transplantation (Denton et al 1086); *See also* Cyclosporin; Tacrolimus

Calcium Coronary artery, CHD and myocardial infarctions associated with absence/low levels (Doherty et al 41 R); Extracellular concentrations affecting by calcium-sensing receptor (CaR) polymorphisms (Pearce 83 Com) (Cole et al 112) (Kanazawa et al 1274 C); Supplementation for healing of rickets (Oginni et al 296 R)

Calcium antagonists In acute coronary syndrome (Verheugt sl20); Holmes' heart management (Gabbarini 646 R); Upper gastrointestinal bleeding not associated with (Kelly et al 559 R)

Calcium-sensing receptor (CaR) As calcistatic mechanism and polymorphisms effect on extracellular calcium concentrations (Pearce 83 Com) (Cole et al 112) (Kanazawa et al 1274 C); *CASR* A986S variant and effect on extracellular calcium levels (Pearce 83 Com) (Cole et al 112) (Kanazawa et al 1274 C)

Camel bones Mystery at Trinity College (Dublin) (Birchard 1337 N)

Canada Anti-tobacco measures unveiled (Kondro 388 N); Ban lifted for blood donors with CJD (Kondro 132 N); Ban for recombinant bovine somatotropin (Morris 306 N); Bayer Advisory Council on Bioethics (Cash and Boyd 691 Com); Blood donation prohibition for UK visitors (Kondro 1775 N); Brain drain reduction work by Smith, M (Ferry 216 N); Campaign to increase funding for biomedical research (Ferry 216 N); Cancer incidence increase and new projections (1340 N); Chemical pollution monitoring weakness and government response (Kondro 1949 N); Chyrostile and cancer risks in Quebec (Bonn 1336 N); Electronic patient records to be updated and national database developed (Kondro 568 N); Haematologist reinstated and broader issues of industry *vs* academia (Nathan and Weatherall 771 Com) (Mansour 1888 C); Haematologist relieved of duties over deferiprone trial (220 N); Healthcare budget increase (1999-2000 budget) (Kondro 735 N); Healthcare spending boosted after hospital overcrowding (Kondro 653 N); Human cloning legislation to be revisited after goat cloning (Kondro 1599 N); Increased childhood asthma rate (305 N); Licensing and data reporting system for fertility clinics (1895 E); Marijuana clinical trial to be approved (909 N); "Mercy killing" case (Morrison N) halted (50 N); Military malarial prophylaxis under scrutiny (Kondro 1507 N); Right to use marijuana for medicinal purposes in Ontario (1776 N); Safe ozone concentrations defined (Kondro 994 N); Tainted-blood settlement for secondary infections (of spouses/parents) (Kondro 47 N)

Cancer BioResonance Therapy promoted on Internet (Larkin 331); ß-Carotene supplements linked (McCarthy 215 N); Childhood, risk not increased by paternal employment in nuclear industry (Bonn 1944 N); Di Bella therapy, patient attitudes and lessons from (Remuzzi and Schieppati 1290 Com) (Passalacqua et al 1310) (2078 correction); Dioxin exposure and (Ashraf 2049 N); Drug trial halted in India (Sharma 735 N); EC programme (Latin America Against Cancer) cancelled (1166 N); Electromagnetic field association weak (Bonn 2217 N); Endostatin therapy prospects (Rowe 732 N); EORTC conference focus on quality assurance and inter-group cooperation (Ashraf 1164 N); Gene expression and use of gene-array technologies (meeting) (Hocchauser 1418 N); Gene therapy (Hollingsworth and Barker sl20); Hypercalcaemia control using immunotherapy by PTH immunisation (Stevenson 340 Com) (Bradwell and Harvey 370) (Schott et al 1188 C); Incidence increase and projections in Canada (1340 N); Incidence/mortality after radioiodine treatment for hyperthyroidism (Franklyn et al 2111); Pain management (Portenoy and Lesage 1695); Pain relief problems in India and need for palliative care (Desai 677

C) (Ghooi et al 677 C); Pain syndromes (Portenoy and Lesage 1695); Psycho-oncology and need for effective doctor-patient communication (Bonn 906); Rationally designed agents in early trials (McNamee 2045 N); Survival trends, collaborative report (Ozonoff and Clapp 1377 Com) (Sharp 1437); Terminal pain relief and WHO guidelines (Bonn 1419 N); Treatment refused by boy in Canada (Kondro 1078 N); Vaccination, antibody response monitoring with resonant mirror biosensor (Nicholson et al 808 R); Ways to reduce impact in postmenopausal women (Fishman 1418 N); *See also* Chemotherapy; *specific tumours*; Tumours

Cancer Research Campaign (CRC) Cancer survival trends (Ozonoff and Clapp 1377 Com) (Sharp 1437); Psycho-oncology and need for effective doctor-patient communication (interview with L Fallowfield) (Bonn 906)

Cannabinoid analogue Nabilone, analgesic effect independent of opioid receptors (Hamann and di Vadi 560 R)

Cannabis (marijuana) Benefits for terminally ill and IOM recommendation for inhalation device (Ault 1077 N); Canadian clinical trial to be approved (909 N); Guidelines in Israel (Fishman 388 N); Psychosis due to and schizophrenia exacerbation (Harrigan 730 N); Research called for International Narcotics Control Board (Morris 820 N); UK government response to debate and Lord's recommendations (Ashraf 1077 N); Use for medicinal purposes granted in Ontario (1776 N)

CAPPP trial see Captopril Prevention Project (CAPPP)

Captopril Angiogenesis induction (in rabbits) (Husten 2132 N); Conventional antihypertensive therapy *vs* and effect on cardiovascular mortality in hypertension see Captopril Prevention Project (CAPPP)

Captopril Prevention Project (CAPPP) Effect of ACE inhibitors *vs* conventional therapy on cardiovascular mortality in hypertension (Cutler 604 Com) (Hansson et al 611) (Lim 1793 C) (Scheen 1793 C) (Messerli and Grossman 1794 C) (Wiggam et al 1794 C) (Brown and Brown 1795 C) (Gueyffier et al 1795 C) (Hansson et al 1795 C)

Carapenems IMP-1 ß-lactamase in *Klebsiella pneumoniae* in Singapore (Koh et al 2162 C)

Carbamazepine Adverse effects (Rzany et al 2190)

Carbohydrates Concept of "good" and "bad" carbohydrates (Katan 1029 Com) (Frost et al 1045); Glycaemic index and increased HDL cholesterol with low glycaemic index foods (Katan 1029 Com) (Frost et al 1045)

Carbon dioxide Retention, in obstructive sleep apnoea with COPD (case report) (Steiner et al 204)

Carbon monoxide From vegetable-based cigarettes and health hazards (Groman et al 466 R)

Carbonyl compounds Role in aflatoxin B_1-induced hepatic steatosis (hypothesis) (Amaya-Farfan 747)

Carboplatin Combination therapy *vs* in ovarian cancer (ICON2 trial) (Gore et al 587 C) (Piccart et al 587 C) (Parmer et al 588 C)

Carcinogens Tobacco metabolites in neonatal urine and implications (Senior 905 N)

Cardiac arrests Immediate cardiopulmonary resuscitation before external defibrillation of benefit (Senior 1246 N)

Cardiac arrhythmias Life-threatening, after fexofenadine (Pinto et al 980 R) (Giraud 2072 C) (Pinto et al 2072 C); Radiofrequency catheter ablation cure rate (Bradbury 299 N)

Cardiac events *Chlamydia pneumoniae* link uncertain (Senior 1160 N); T axis changes as indicator of risk in elderly (Krikler and Meijler 68 C)

Cardiac failure see Heart failure

Cardiac hypertrophy Pathogenesis and prevention (Force et al 1290 Com); Prevention by calcineurin inhibitors (Force et al 1290 Com)

Cardiac Insufficiency Bisoprolol Study II see CIBIS-II trial

Cardiac output In pulmonary hypertension (Higenbottam et al 338 Com)

Cardiac surgery Computer-assisted (Carpentier et al 379 R); Invasive aspergillosis outbreak in Spain after (Bosch 131 N)

Cardiologists DeBakey M's contributions and work (Larkin 1420 N); Paediatric, Bristol case see "Bristol case" surgeons

Cardiology Acronymania (Sharp 1728 Com); Interventional, evidence supporting (conference) (Husten 903 N)

Cardiomyopathy Idiopathic dilated see Dilated cardiomyopathy

Cardiopulmonary bypass Neurobehavioural sequelae (Selnes et al 1601 S)

Cardiopulmonary resuscitation Cerebral hypoxia after (Schreiner and Pohlmann-Eden 750 C) (Tirschwell et al 750 C) (Berek 751 C); Immediate routine provision before external defibrillation of benefit in cardiac arrests (Senior 1246 N)

Cardiovascular disease Alcohol consumption effect in elderly (1246 N); Effect of GH replacement therapy in GH deficiency and (Bengtsson and Johannsson 1898 Com); Epidemic in developing countries predicted (Iannuzzi et al 323 C); Global epidemic prediction (McKee and Leon 503 C); Mortality/morbidity in hypertension and effect of ACE inhibitors *vs* conventional therapy see Captopril Prevention Project (CAPPP); Reduced heart-rate variability in postmenopausal women and effect of progestin-containing HRT (Christ et al 1939 R); Reduced in US by increased use of antihypertensive drugs (Mitchell 1503 N); Risk assessment and lipid-lowering therapy indications (Grover 254 Com) (Durrington et al 278) (Ramsay et al 1095 C) (Tang et al 1095 C) (Durrington et al 1096 C) (Wight 1096 C) (Robson 1097 C) (Smith and Ebrahim 1097 C) (Stokoe et al 1097 C); Risk and hormone replacement therapy in postmenopausal women (Gurwitz 674 C) (Channer and English 1528 C); Sudden cardiac death in postmenopausal women (330 correction); US rates double (Husten 126 N); *See also* Cardiac events; Coronary heart disease (CHD); Coronary syndromes; Ischaemic heart disease

Cardiovascular effects Of drinking water (Jordan et al 723 R) (Jordan et al 1971 C) (Senard et al 1971 C)

Cardozo L (938 L)

CARE Aid workers jailed in Serbia (Morris 1950 N)

Carnitine deficiency In epileptic child associated with sodium valproate and presenting with abdominal pains (case report) (Shuper et al 1238)

β-Carotene Supplements linked to cancer (McCarthy 215 N)

Carotid artery dissection After attempted strangulation presenting with arm weakness (Malek et al 1324)

Carotid artery thrombus Direct MRI in acute stroke (Moody et al 122 R)

Carotid atherosclerosis Asymptomatic, thrombomodulin (soluble) levels for prediction of (Nawroth and Häring 1722 Com) (Salomaa et al 1729); Detection and monitoring by MRI (Moody et al 122 R)

Carotid endarterectomy Low-dose and high-dose aspirin before (randomised trial) (van Gijn 2172 Com) (Taylor et al 2179); Patients' (in)ability to recall risk information (Lloyd et al 645 R) (Gattellari et al 1713 C) (Heneghan 1713 C) (2164 correction); Prediction of benefit (risk-modelling) (Rothwell et al 2105)

Carpal tunnel syndrome Yoga therapy (Sequeira 689 Com)

Carroll, Lewis Migraine experiences (Podoll and Robinson 1366 C)

Cars Child safety seats approved in Japan (Rowling 1048 N)

Case management Intensive *vs* standard for severe psychotic illness (Burns et al 2185); Pitfalls (Schattner 1976 C); Sociological models and health care (Corrigan and Luchins 2163 C)

Case Report series Acquired factor XIII inhibitor causing bruising and chest pain (Standen et al 1934); Anal herpes masquerading as anal fissure (Winceslaus and Schofield 1672); Angioedema associated with Churg-Strauss vasculitis and complicated by corticosteroids (Greenwald et al 2208); Atypical cystic fibrosis presenting with hypokalaemic metabolic alkalosis and abnormal sweating (Johnson et al 1492); Carnitine deficiency in epileptic child on sodium valproate presenting with abdominal pain (Shuper et al 1238); Carotid artery dissection after attempted strangulation presenting with arm weakness (Malek et al 1324); CMV infection as ulcerative colitis complication and use of Medline database (Schattner et al 462); CMV leucocytoclastic vasculitis presenting with rash and knee swelling (Hogarth et al 978); Congenital syphilis and Jarisch-Herxheimer reaction after failure to read test results (Lackmann et al 290); Diabetic muscle infarction presenting with fever, swelling and leucocytosis mimicking infection (Sagar et al 116); Erdheim-Chester disease presenting with leg pain, peridonitis and hyperostosis (Oliveira et al 2034); Gynaecomastia after drinking female urine (Vierhapper and Nowotny 640); Hypercalcaemia in sarcoidosis and association with hyperparathyroidism (Young et al 374); Hypovitaminosis D due to fat malabsorption after small bowel resection presenting with muscle weakness and bone pain (Mingrone et al 806); Isolated angiitis of CNS (IACNS) presenting as rapidly progressive dementia (Börnke et al 1150); Macroprolactinaemia in sustained hyperprolactinaemia in pregnancy and misdiagnosis (Heaney et al 720); Marchiafava-Bignami disease recovery after thiamine administration and vomiting causing (Hillbom et al 1584); Mesial orbitofrontal cerebral lesion after subarachnoid haemorrhage causing behavioural changes (Cohen et al 34); Muscle pain after exercise due to rhabdomyolysis and hypokalaemia (Nielsen and Mazzone 1062); Non-secretory multiple myeloma presenting with disorientation and vertebral fractures (McConnaughey et al 1848); Obstructive sleep apnoea and COPD causing hypercapnia/hypoxaemia and initially misdiagnosed as dementia (Steiner et al 204); Ornithine transcarbamylase deficiency presenting with clumsiness, confusion and coma (Ellaway et al 1408); Perianal ulcer due to visceral leishmaniasis (Schmid et al 894); Spastic paraparesis after nitrous oxide anaesthesia owing to vitamin B12 deficiency (Lee et al 554); Splenic crisis in sickle-cell trait after mountain climbing (Wrenn et al 1760); Tonsillar cancer presenting with unilateral oropharyngeal symptoms and need for histology of tonsillectomy tissue (Salib et al 2124)

Case Report series, correspondence Diabetic muscle infarction presenting with fever, swelling and leucocytosis mimicking infection (Willenberg et al 1527 C); Marchiafava-Bignami disease recovery after thiamine administration and vomiting causing (Chan 2242 C); Perianal ulcer due to visceral leishmaniasis (Meis et al 1881 C); Spastic paraparesis after nitrous oxide anaesthesia owing to vitamin B12 deficiency (Anders and Dearlove 1446 C) (Mayall 1529 C)

Case-cohort studies Coronary heart disease and carotid atherosclerosis prediction from soluble thrombomodulin levels (Nawroth and Häring 1722 Com) (Salomaa et al 1729)

Case-control study A1/A2 polymorphism of glycoprotein IIIa and risk in coronary catheter interventions (Laule et al 708); Aftercare and clinical characteristics of mental illness in patients before committing suicide (Appleby et al 1397); Glycoprotein Ia/IIa receptor polymorphisms and myocardial infarction risk (Moshfegh et al 351); Hip fractures risk reduced with oral contraceptives use (Michaëlsson et al 1481); Infertility history associated with perinatal mortality and premature births risk (Baird et al 1724 Com) (Draper et al 1746); Low-potency (oral) oestrogen and endometrial cancer risk (Weiderpass et al 1824); Risk factors for sudden death in epilepsy (Nilsson et al 888); Risk of sporadic CJD with surgery (Collins et al 693); Risk of Stevens-Johnson syndrome and toxic epidermal necrolysis with antiepileptic therapy (Rzany et al 2190)

Casp3 protein Apoptosis of HIV-infected cells as new therapeutic strategy (McCarthy 125 N)

Caspase-1 In Huntington's disease and benefits of apoptosis inhibition (Morris 1770 N)

Caspase-3 Tat fusion protein and entry into cells (McCarthy 2134 N)

Cat(s) Infections from bites by (300 N); Milk intolerance (Swinburne 74 C)

Cat allergens Passive transfer and distribution in Antarctic (Siebers et al 1942 R)

Cat scratch disease *Afipia felis* association (La Scola and Raoult 1330 R)

Catalonia Drug expenses curbed (Bosch 654 N)

Catalytic converters Suicide prevention (Toseland 244 C)

Caterpillars Haemorrhagic syndrome due to and serine protease role (Reis et al 1942 R)

Cationic lipid *CFTR* gene transfer to nose/lungs mediated by and effect (double-blind trial) (Alton et al 947)

CBFA1 (core binding factor α1) Actions and osteoporosis treatment (Bonn 1596 N)

CD4 cells Costimulation blockade as immunosuppressive strategy (Denton et al 1088); HIV-1 persistence after HAART and assay for HIV-1-specific memory cells (Morris 1593 N); HIV-1 RNA viral load ratio and lack of sex difference (Moore et al 463 R); HIV-1 treatment monitoring by ultrasensitive FISH (Patterson et al 211 R); Risk of new AIDS diseases after triple therapy (Miller et al 463 R); Role in allograft rejection (Denton et al 1083); Synthesis inhibition by HIV (McCarthy 125 N)

CD18 (β_2) Defect in leucocyte adhesion deficiency (LAD) type I (Etzioni 341 Com)

CD33 T cell recognition and aplastic anaemia in donor cells after bone marrow transplantation (Melenhorst et al 2037 R)

CD34 stem cells Bone marrow repopulation (Rowe 2133 N)

CD38/CD8 Expression and HAART failure (Caselli et al 840 C)

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Exercise Muscle pain after due to rhabdomyolysis secondary to hypokalaemia (case report) (Nielsen and Mazzone 1062); *See also* Physical activity; Sport
Expanded Programme of Immunisation (EPI) Indiscriminate marketing of vaccines not included in (India) (Sharma 1165 N)
Expert witnesses Bias, challenge failure in breast implant case in US (Sharp 1506 N); Doctors as and GMC statement (Herxheimer 517 Com); New clinical negligence case rules (Brahams 1380 Com) (English 1422 N) (Irwin 2076 C) (Weintraub 2076 C); Role of panels in civil compensation cases (1455 E)
Exposure assessment In community-based epidemiological studies (Stewart 1816 Com)
Extracorporeal liver perfusion (McChesney et al 120 R)
Eye Corneal epithelial stem cell transplantation for (Senior 2045 N)
Eye movement Limitation in merosin-deficient congenital muscular dystrophy (Philpot and Muntoni 297 R)
Eyelid Upper, myoelectrically driven moveable in facial prosthesis (Klein et al 1493 R)

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Facial prostheses With myoelectrically driven moveable upper lid (Klein et al 1493 R)
Factor V Leiden As risk factor for preterm birth (Göpel et al 1411 R)
Factor VIIa New inhibitors (Hirsch and Weitz 1433)
Factor IXa New inhibitors (Hirsch and Weitz 1433)
Factor Xa New inhibitors (Hirsch and Weitz 1433)
Factor XIII Acquired inhibitor causing bruising and chest pain (case report) (Standen et al 1934)
Faecal incontinence Surgery (Williams sl31)
Faecal occult blood test Colorectal cancer screening (Midgley and Kerr 393 S); Colorectal cancer screening efficacy (Wunsch 905 N)
Fallon inquiry Ashworth hospital condemned (Ramsay 218 N) (251 E) (Johnson 931 C)
Fallowfield L Psycho-oncology and need for effective doctor–patient communication (interview) (Bonn 906)
Falls Prevention in elderly (randomised trial - PROFET) (Close et al 93) (Ell 928 C) (Schwab et al 928 C)
Famciclovir Chronic hepatitis B treatment (Dusheiko 1032 Com) (1714 correction)
Familial adenomatous polyposis (FAP) Colorectal cancer pathogenesis (Midgley and Kerr 391 S)
Familial benign hypocalciuric hypercalcaemia Calcium-sensing receptor (CaR) gene mutations associated (Pearce 83 Com)
Familial British dementia (FDB) Molecular basis (Senior 2216 N)
Familial hypercholesterolaemia Treatment with statins, debate over (Larkin 215 N)
Familial intrahepatic cholestasis *MDR3* non-sense mutation (Jacquemin et al 210 R)
Familial Mediterranean Fever (FMF) Atypical presentation in absence of high-risk ethnic origin (Deckers et al 382 R); Evolution linked to acute phase responsiveness (Tunca et al 1415 R); *MEFV* gene mutation (Deckers et al 382 R)
Familial papillary thyroid microcarcinoma (FPTMC) Clinical/pathological features (Lupoli et al 637) (Fernández-Real and Ricart 1973 C)

Family history Risk prediction of sudden death (Senior 1419 N)
Family planning Clinics in China and new policies (Bernman 567 N); Resources for implementing ICPD plan (Cairo conference) (Potts and Walsh 315) (Angel 932 C); *See also* Contraceptives
Fast Revascularization during Instability in Coronary Artery Disease study (FRISC II) Support for interventional strategy (Husten 903 N)
Fasting Preoperative (Simini 862 Com) (Tournadre et al 1624 C) (Simini 2245 C)
Fat Body see Body fat
Fat, dietary Stroke prevention and (Viukari 1886 C); *See also* Lipids
Fat malabsorption Hypovitaminosis D due to and presenting with muscle weakness and bone pain (case report) (Mingrone et al 806)
Fat necrosis Freely-moving tumours in peritoneal cavity (Janzen et al 1801 C)
Fatty acids N-3, as risk factor for haemorrhagic stroke (Pedersen et al 812 R); Omega-3fish-oil supplements for myocardial infarction recurrence prevention (Husten 988 N); remission in bipolar disease and dementia protection (Moore 1682 N) Supply to liver in non-alcoholic steatohepatitis (James and Day 1634 Com) (Saibara et al 1802 C); *Trans*, intake and prevalence of childhood asthma and allergies (Weiland et al 2040 R)
Fatty liver Acute, after malaria prophylaxis with mefloquine (Grieco et al 295 R); After mefloquine prophylaxis of malaria (Grieco et al 295 R); Cirrhosis with after adjuvant tamoxifen in breast cancer (Oien et al 36 R) (Saibara et al 1802 C); *See also* Steatosis
Fenfluramines Phentermine with and increased plasma serotonin due to (Maher et al 38 R) (Maher et al 1362 C) (Rothman 1362 C)
Fenofibrate Effect on homocysteine levels (de Lorgeril et al 209 R) (Landray et al 1974 C)
Fertility Information about vs choice of treatments (1895 E); Outcome after methotrexate *vs* laparoscopic salpingostomy for tubal pregnancy (Dias Pereira et al 724 R); Restoration by *in vitro* spermatocyte culture and spermatogenesis (Steele et al 516 Com) (Tesarik et al 555 R) (Foresta et al 1707 C) (Tesarik et al 1708 C); *See also* Infertility
Fetal dopaminergic cells Implantation trial results (Husten 1501 N)
Fetal insulin hypothesis Alternative explanation for low birthweight with diabetes and vascular disease (Hattersley and Tooke 1789)
Fetus Allergy priming and Th2 response persistence (Björkstén 167 Com) (Prescott et al 196) (Gray 1187 C); Effect of mebendazole therapy during pregnancy (de Silva et al 1145); Growth and mitochondrial DNA 16189 variant (Casteels et al 1499 R); Growth restriction in insulin resistance (fetal insulin hypothesis) (Hattersley and Tooke 1789); Growth velocity and implications of growth restriction diagnosis by ultrasound (Bobrow and Soothill 1460 Com) (Mongelli and Gardosi 2156 C); Surgery for spina bifida (Magram 406 C) (Sobkowiak 406 C) (Tulipan and Bruner 406 C) (Adzick et al 407 C); Thrombosis in pregnancy (Greer 1258); Two-way trafficking of cells between mother and microchimerism and diseases linked (1417 N); Vascular insult associated with vasoreactivity in adult life (Sartori et al 2205); Weight increase associated with acquired activated protein-C resistance in pregnancy (Clark et al 292 R) (Kluft et al 1882 C)
Fetus papyraceus Tradition in Karen population (Burma/Thailand border) (McGready 414 C)
Feverfew Migraine prophylaxis and conflicting results (Morris 731 N)
Fexofenadine Life-threatening arrhythmias and QT lengthening after (Pinto et al 980 R) (Giraud 2072 C) (Pinto et al 2072 C)
Fibre, dietary Colorectal cancer link disputed (Wunsch 385 N)
Fibrin adhesives From snake venom (Senior 1946 N)
Fibrinolytic therapy see Thrombolytic therapy
Fibroblasts Cultured autologous and hyaluronic acid use with in extensive burns (Harris et al 35 R)
Fibromyalgia Flaws in concept and classification criteria (Quintner and Cohen 1092)
Fibronectin Role in ductus arteriosus closure (Wunsch 473 N)
Fibrositis Fibromyalgia concept and (Quintner and Cohen 1092)
Fifth Framework Programme (FP5) Evaluation process and need for vigilance over research quality (1111 E); Research funding (Martin 1192 C); Scientific research (Prasher 910 N)
Fine-needle aspiration biopsy Abdominal (Dondelinger sl15)
Finkelstein's disease (acute haemorrhagic oedema of childhood) Henoch-Schönlein purpura relationship and diseases in brother and sister (Gattorno et al 728 R)
Finland Hip fractures and future predictions (Martyn and Cooper 769 Com) (Kannus et al 802) (Gillet and Reginster 2160 C) (Schwab et al 2160 C); Oestrogen replacement therapy in postmenopausal women (Gurwitz 674 C) (Channer and English 1528 C)
Fish-oil supplements Myocardial infarction recurrence prevention (Husten 988 N)
Flavonoids In tea and protective effects (Wehrwein 384 N)
Fleming A (Raju 936)
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Flies Impact of control on childhood diarrhoea in Pakistan (Chavasse et al 22) (Levine et al 1020 C); Trap failure in Brazil (Chapman 244 C)
Floian International Randomized Survival Trial (FIRST) Women's survival advantage in congestive heart failure (Husten 1333 N)
Florey H W (Raju 936)
Flour Fortification with reduced iron and high bioavailability of iron (Roe and Fairweather-Tait 1938 R)
Flow cytometry Uses and disadvantages (Rew et al 255 Com)
Floxacin drugs Warning of liver injuries from EMEA (1948 N)
Fluid Homeostasis in lithium-induced nephrogenic diabetes insipidus (MacGregor and Dolinski 1188 C); Increased consumption associated with decreased bladder cancer risk (1682); Removal by haemodialysis (Mallick and Gokal 739 S)
Flunitrazepam Unrestricted trading in South Africa (Baleta 2049 N)
Fluorescence-in-situ hybridisation (FISH) Ultrasensitive and HIV-1 treatment monitoring by (Patterson et al 211 R)
Fluoridation Use of fluoride products with (Horowitz 1462 Com)
Fluoride products Use in fluoridated communities (Horowitz 1462 Com)
Fluorouracil Colorectal cancer (Midgley and Kerr 395 S)
Flushing Menopausal, efficacy/acceptability of intranasal 17ß-oestradiol for (randomised study) (Studd et al 1574); In stem-cell or bone-marrow infusion and relationship to serotonin metabolism (Wymenga et al 293 R)
Flutamide Hepatotoxicity (Andrade et al 983 R); Hirsutism therapy associated with fulminant liver failure (Andrade et al 983 R); In pancreatic cancer and quantitative measurement of effects (Rothman et al 1184 C)
Fluvastatin Thrombotic vascular events after change from simvastatin (Ikeda et al 844 C) (Thomas 844 C) (Weiss and Heckbert 844 C) (Wierzbicki et al 845 C)
Fluvoxamine Social phobia symptom improvement (Larkin 1595 N)
Fly control Trachoma and diarrhoea reduction (Dawson 1376 Com) (Emerson et al 1401)
***FMR1* gene** CGG repeat fragment in blood spots from Guthrie cards, PCR amplification method (Hong et al 1153 R)
Focal hand dystonia Constraint-induced movement therapy in musicians (Candia et al 42 R) (Grindea 1273 C)
Folic acid Benefits and mechanism of action (Ramsay 1247 N); Fortification of food and reduction in homocysteine levels (Larkin 1770 N); Periconceptual supplement intake in Netherlands (Bekkers and Eskes 292 R) (de Walle et al 1187 C); Periconceptual supplements not associated with twinning (Mathews et al 291 R); Serum levels and homocysteine relationship (Ramsay 1247 N)
Follicle-stimulating hormone Increased concentrations in mothers of Down's syndrome children (van Montfrans et al 1853 R)
Food Dioxin-containing and European crisis (Ashraf 2049 N); Fast food, information (website) (Larkin 762); Folic acid fortification and reduction in homocysteine levels (Larkin 1770 N); Genetically modified and risk assessment (Beringer 605 Com) (Crawford 1531 C); Ready-to-use therapeutic, for marasmus treatment (Briend et al 1767 R); Reduction in salt content and little effect on taste (Rodgers and Neal 1332 R); Vitamin A overestimation (Filteau and Tomkins 1458)
Food and Drug Administration (FDA) Abacavir approved for AIDS (50 N); Aggrenox backed (1598 N); Ban lifted by judge on supplement from red-yeast rice (736 N); Ban on UK blood urged (Ault 2050 N) (2250 correction); Bladder-control device approved (220 N); Celecoxib (Celebrex) (Cox-2 inhibitor) approved (220 N); Cholestin marketing problems (Ault and McMenemy 1339 N); Continuous glucose monitoring system approved (Ault 822 N); Deferral of blood donations from UK residents (Ault 49 N); Introgen's consideration of application for p53 replacement therapy approval (848 correction); Modafinil approved for narcolepsy (Ault 131 N); New troglitazone labelling issued (Ault 2221 N); Orlistat (Xenical) approved (1598 N); Prosorba column approved for use in rheumatoid arthritis (Ault 1071 N); Psychoactive drugs for dogs approved (220 N); Rapid Lyme disease diagnostic test approved (736 N); Response to recombinant bovine somatotropin and IGF-1 in milk (Morris 306 N); Rofecoxib (COX-2 inhibitor) approved (Ault 1503 N) (1864 N) (Seidenberg 1978 C); Rosiglitazone approved (1948 N) (Ault 2221 N); Stance on genetically modified foods (1811 E); Support for troglitazone ban reduced and benefits outweigh risks (Ault 1161 N); Surgical implant for myopia backed (Ault 300 N); Tacrolimus use in bone marrow transplants refused (305 N); Tirilizad mesylate backing not received (1598 N); Warning on dietary supplement (Bradbury 385 N); Warning on etanercept and severe infections in rheumatoid arthritis (Ault 1770 N); Warning on and new labelling for troglitazone (Ault 2221 N); Warning on thiazolidinediones label (1598 N); Warning on urokinase (478 N); Zanamivir (Relenza) not approved for use in influenza (Ault 816 N)
Food poisoning Natural inhibitor (lactic in 3147) effective against bacteria (2045 N)
Food policy Ethics in decision making (UK) (Ashraf 2220 N)
Foodborne pathogens Website (Larkin 935)
Football Effect on decision making by crowd and home advantage (Nevill et al 1416 R) (Moseley 2164 C)
Foramen ovale Patent, migraine with aura association (Simini 1683 N)
Forced expiratory volume in 1 second (FEV_1) Recombinant human DNase effect in cystic fibrosis (Geddes and Shah 1727 Com)
Fossils Ape (*Oreopithecus bambolii* with hominid-like hand grip capability (Simini 214 N)
"Four-layered paradox" Fall of modern medicine and (Kleinert 2092 Com)
Fractals Tumour behaviour study method based on (Bosch 44 N)
Fractures Cell biology application in form of bone morphogenetic proteins (Bonn 650 N); Occipital bone caused by airbags (Hansen et al 1409 R); Osteoporotic and mortality after (observational study) (Center et al 878) (Pande and Pritchard 1707 C); Risk increased after environmental exposure to cadmium (Staessen et al 1140); *See also* Hip fractures
Fragile X syndrome Detection by PCR amplification of CGG repeat fragment of *FMP1* gene from blood spots on Guthrie cards (Hong et al 1153 R)
Frailty Clinical instrument for classifying in elderly (Rockwood et al 205 R) (Matsubayashi et al 1445 C)
Framingham Heart Study Antihypertensive therapy reduced blood pressure problems (Mitchell 1503 N); Lifetime risk prediction for coronary heart disease from (De Backer and De Bacquer 82 Com) (Lloyd-Jones et al 89) (Lloyd-Jones and Levy 924 C) (Ross and Stier 924 C) (Sanchez-Delgado and Liechti 924 C) (Ulrich et al 925 C)
France Brill-Zinsser disease (Stein et al 1936 R); Cultural basis for different recommendations in UK for women at risk of breast and ovarian cancer (Eisinger et al 919) (Chang et al 2070 C) (Berer 2071 C); Former ministers acquitted in infected-blood trial (Durand de Bousingen 992 N); Health insurance fund to sue tobacco companies (Durand de Bousingen 734 N); Hepatitis B virus vaccination (Barquet et al 414 C); Iodine deficiency (Valeix et al 1766 R); Ministers on trial over contaminated blood product scandal (Durand de Bousingen 653 N); Restrictions in prescription and treatment allowances and practice closures (Durand de Bousingen 50 N); Suicide trends (Boëlle and Flahault 1364 C); Survey of attitudes and responses to xenotransplantation (Julvez et al 726 R)
Franceschi S (1720 L)
Freedom of information UK draft bill and exemptions (Ashraf 1950 N)
French paradox Antithrombotic effect of red wine mediated by nitric oxide (Simini 1944 N); Effect of wine ethanol on platelets and role of Mediterranean diet (de Lorgeril and Salen 1067 R)
French West Indies Creutzfeldt-Jakob disease (CJD) (Caparros-Lefebvre et al 1495 R)
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Fungaemia *Saccharomyces boulardii* (Piarroux et al 1851 R)
Fungal metabolite Non-peptidyl, as insulin mimetic and possible diabetes treatment (Bradbury 1594 N)
Fungi Use by Ice Man as antibiotic/purgative (Tunón and Svanberg 925 C) (Capasso 926 C) (Pöder and Peintner 926 C)

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Gallstones Risk factors elucidated (Bradbury 816 N); Risk reduced by coffee consumption (2045 N)
Gambia Childhood mortality (Müller and Garenne 673 C); Trachoma and diarrhoea reduction by fly control (Dawson 1376 Com) (Emerson et al 1401)
Gamete intrafallopian transfer (GIFT) Perinatal mortality and premature births association after (Baird et al 1724 Com) (Draper et al 1746)
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Gamma hydroxybutyrate Gamma butyrolactone (GBL) conversion to and toxicity (Bradbury 385 N)
Gasser H S (Raju 851)
Gastrointestinal bleeding Risk with aspirin and risk-benefit ratio in TPT and HOT studies (Isles et al 148 C) (Meade 149 C) (Zanchetti et al 149 C) (Cleland and Alamgir 676 C) (Meade 676 C); Transcatheter vaso-occlusion (Dondelinger sl17); Upper, use of calcium channel blockers not associated (Kelly et al 559 R)
Gastrointestinal infections Hospital admissions and deprivation link (Ofowokure et al 807 R)
Gastrointestinal tract Blood supply and effect of reduced blood flow (Marston 1875 Es)
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Gaucher's disease Plasma lipoprotein responses to enzyme replacement (Cenarro et al 642 R)
Gaza Medical supplies delivered by US company in memory of King Hussein (654 N)
Gaziano T Winner of *The Lancet* international exchange fellowships 1998 (Horton 610 Com)
Gender coordinating unit In Afghanistan established by United Nations (Morris 477 N)
Gender differences Tuberculosis control (Diwan and Thorson 1000); See *also* Sex differences
Gene Human germline modification, opposition (Billings et al 1873)
Gene cloning Human see Human cloning
Gene expression In cancer and use of gene-array technologies (meeting) (Hocchauser 1418 N)
Gene therapy Adenosine deaminase deficiency (Rowe 2133 N); ß-endorphin delivery into spinal cord (Mitchell 1595 N); For cancer (Hollingsworth and Barker sl20); Cationic lipid-mediated *CFTR* gene transfer to lungs/nose in cystic fibrosis (double-blind trial) (Alton et al 947); Colorectal cancer treatment (Midgley and Kerr 398 S); Developments at American Society for Gene Therapy meeting (Rowe 2133 N); Future of surgery and (Hollingsworth and Barker sl19); Human germline gene modification and opposition (Billings et al 1873); Introgen and p53 replacement therapy (848 correction); Principles and applications (Hollingsworth and Barker sl19); Suicide, in multiple myeloma (Gahrton 85 Com); In transplantation (Denton et al 1089); In utero, for persistent patent ductus arteriosus development in lambs (Wunsch 473 N); For vascular disease (Hollingsworth and Barker sl19)
Gene-array technologies Use in cancer research (Hocchauser 1418 N)
Gene-patent Directive Italian appeal against (Simini 132 N)
General Health Questionnaire Cultural invariance of likelihood ratios (Furukawa and Goldberg 561 R)
General Medical Council (GMC) Breast cancer screening guidelines and evidence-based medicine (Thornton 2249 C); "Bristol case" surgeons inquiry (Ramsay 987 N); Criticisms, responses and new professionalism of doctors (Irvine 1174); Doctors acquitted in morphine overdose trial (Ashraf 1508 N); Doctors as expert witnesses (Herxheimer 517 Com); Investigation over alleged racism (Ramsay 1862 N); Revalidation for doctors and errors in medicine (Horton 422 Com); Stricter self-regulation and revalidation supported (Ashraf 652 N); Support for revalidation of doctors and report on stages (Dean 475 N)
General practice Application of evidence-based medicine to primary care by (Horton 609 Com) (Rosser 661) (Culpepper and Gilbert 829) (Culpepper and Gilbert 831) (Fahey and Somerset 1621 C) (Macleod et al 1621 C) (Edwards et al 1622 C) (Kernick 1622 C); Evidence-based interventions and comprehensive treatment (van Weel and Knottnerus 916); Evidence-based medicine and decision-making (Culpepper and Gilbert 829); Research (Horton 609 Com); Work of GPs in photography exhibition (Schatzberger/Bolton 1173); See *also* Primary care
General practitioners (GPs) Computer-based medical records (Lane and Hayward 330 C); Fundholding dismantlement and primary care groups introduced in UK (Dean 1163 N); Geographical inequalities in provision in England and Wales (Gravelle and Sutton 931 C) (Leigh 931 C); Not guilty of murdering patient in UK (1686 N); Self-care in Irish study (Birchard 219 N) (Michiels et al 1278 C); Sildenafil (Viagra) prescribing restricted in UK (Mitchell 1687 N); See *also* Doctors; Physicians
Genetic counselling *DFNB1* childhood deafness due to connexin-26 gene defect (Denoyelle et al 1298); For hereditary breast cancer (Peshkin and Lerman 2176 Com)
Genetic diagnosis Preimplantation, sickle cell disease prevention (1682 N)
Genetic engineering Persistent patent ductus arteriosus (Wunsch 473 N)
Genetic linkage ß and G subunit of sodium channel to systolic blood pressure and confirmation needed for role as hypertension genes (Colhoun 1200 Com) (Wong et al 1222) (Wong et al 2245 C) (Wang 2245 C)
Genetic markers For coronary thrombosis, potential markers and precautions (Ridker and Stampfer 687 Com) (Laule et al 708)
Genetic testing For *BRCA1* and *BRCA2* genes and informed consent (Peshkin and Lerman 2176 Com)
Genetic-association studies Need for caution over results of genetic markers for coronary thrombosis (Ridker and Stampfer 687 Com) (Laule et al 708)
Genetically modified crops/foods To be approved in Spain (1078 N); BMA's report and controversy over safety (Mitchell and Bradbury 1769 N); Health risks and mishandling of information (1811 E); Potatoes toxicity data criticised (Mitchell and Bradbury 1769 N); Risk assessments and monitoring (Beringer 605 Com) (Crawford 1531 C)
Genetics Developments and fall of modern medicine (Kleinert 2092 Com); Insulin resistance and fetal insulin hypothesis (Hattersley and Tooke 1789); Primer website (Larkin 935); Schizophrenia research (Schultz and Andreasen 1426 S); Websites (Larkin 1716)
Genital mutilation Clitoridectomy (Kandela 1453) (Wagner 1977 C); Episiotomy as modern form and prevention (Wagner 1977 C)
Genome *Helicobacter pylori* strains and less than expected diversity (Wunsch 213 N); Sequencing methods of Craig Venter (Larkin 2218 N); Sequencing by shotgun sequencing technique (Larkin 2218 N); Single nucleotide polymorphisms (SNPs) mapping consortium (1340 N)
Genotyping For selection of antiretroviral drugs in HIV-1 infection (VIRADAPT trial) (Falloon 2173 Com) (Durant et al 2195)
Geographical inequalities Provision of GPs in England and Wales (Gravelle and Sutton 931 C) (Leigh 931 C)
Geriatric status scale (GSS) Frailty scale based on (Rockwood et al 205 R) (Matsubayashi et al 1445 C)
Germ cell tumours Of testis, management (Horwich et al 410 C) (Shahab 410 C)
Germ cells Gene modification and opposition (Billings et al 1873)
German Medical Association Congress and new president (Durand de Bousingen 2048 N)
Germany Health care reforms and German Medical Association congress (Durand de Bousingen 2048 N); Health system reform agenda (1950 N); Restrictions in prescription and treatment allowances and practice closures (Duràand de Bousingen 50 N)
Gerontology As new medical specialisation in Europe (Durand de Bousingen 1508 N)
GIK study Glucose-insulin-potassium infusion for myocardial protection (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C)
Gilles de la Tourette syndrome Stereotactic treatment by high frequency stimulation of thalamus (Vanderwalle et al 724 R)
Glanzmann's thrombasthenia $\alpha_{IIb}\beta_3$ defects and effects (Etzioni 341 Com); Leucocyte adhesion deficiency type I with (Etzioni 341 Com)
Glaxo Wellcome Abacavir approved by FDA for use in AIDS (50 N); Prevention of Mother-to-Child Transmission (MCTC) pilot project (511 E)
Glioblastoma multiforme Recurrent, EC authorisation of temozolomide (Sansom 472 N)
Glitazones Drug (rosiglitazone) approved by FDA (1948 N) (Ault 2221 N); See *also* Troglitazone
Globus pallidus lesion "Reversible" Huntington's disease (Altschuler 240 C) (Bonelli et al 240 C)
Glomerulonephritis (Couser 1509 S); IgA nephropathy treatment trial (Harper and Savage 860 Com) (Pozzi et al 883) (Ashman et al 2159 C) (Pozzi and Locatelli 2159 C); Membranoproliferative (Couser 1513 S); Postinfectious (Couser 1510 S); Prevalence/pathogenesis/features/diagnosis and specific disorders (Couser 1509 S); Rapid progressive (Couser 1512 S)
Glucocorticoid-suppressible hyperaldosteronism (Stewart 1343 S)
Glucose Impaired tolerance associated with HIV-1 protease inhibitors (Carr et al 2093)
Glucose, blood Accuracy and reliability of home monitors (pilot study) (Urdang et al 1065 R); Continuous monitoring system approved by FDA (Ault 822 N); Long-lasting benefits of good control (meeting report) (Hopkins 2215 N)
Glucose tolerance test, oral New diagnostic criteria for diabetes and mortality in elderly (Balkau et al 68 C) (Cordido et al 69 C)
Glucose-insulin-potassium infusion For myocardial protection (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C)
Glue ear Early surgery *vs* watchful waiting and effect on language development in preschool children (randomised trial) (Maw et al 960)
Glutamate Blockade of NMDA receptors in fetal brain by drugs taken in pregnancy (Bradbury 126 N)
Glutamic acid decarboxylase (GAD) antibodies In stiff-man syndrome (Shaw 86 Com)
Glutathione transferase Polymorphism and Parkinson's disease aetiology (Le Couteur et al 71 C) (Paolini et al 71 C)
Glycaemic index (Katan 1029 Com); As determinant of serum HLD-cholesterol levels and benefits of low glycaemic index carbohydrates (Katan 1029 Com) (Frost et al 1045)
Glycoprotein Platelet see Platelets
Glycoprotein Ia/IIa gene Polymorphism and myocardial infarction risk factor (Ridker and Stampfer 687 Com)
Glycoprotein IIb-IIIa blockers (Topol et al 227) (Stiegler et al 1185 C); New agents and actions (Hirsh and Weitz 1432) (1804 correction)
Glycoprotein IIIa A1/A2 polymorphism and antithrombotic action of aspirin (Undas et al 982 R); A1/A2 polymorphism not genetic marker for coronary thrombosis (Ridker and Stampfer 687 Com) (Laule et al 708)
Government Performance and Results Act (GPRA) (US) (Greenberg 733 N)
Gradie H Bacteriology textbook and history (Mortimer 583)
Graft rejection Mechanisms (Denton et al 1083)
Graft-versus-host disease (GVHD) Mixed chimerism induced by non-myeloablative therapy in mismatched bone marrow transplantation for lymphomas (Falkenburg and Kluin-Nelemans 1725 Com) (Sykes et al 1755)
Graft-vs-lymphoma Effect of donor leucocytes (848 correction) (Falkenburg and Kluin-Nelemans 1725 Com); Mixed chimerism induced by non-myeloablative therapy in mismatched bone marrow transplantation for lymphomas (Falkenburg and Kluin-Nelemans 1725 Com) (Sykes et al 1755)
Gram-positive bacteria Antibacterial activity of hyperforin from St John's wort (Schempp et al 2129 R)
Grand Rounds On Internet (Larkin 2166)
Grants Online drafting and website for (Larkin 935)
Granulocyte-colony stimulating factor (G-CSF), recombinant Splenic rupture during mobilisation of peripheral blood stem cells by (Falzetti et al 555 R)
Grapefruit juice Drug uptake impairment and mechanism (Mitchell 1335 N)
GRAPHIT (Geriatric Rehabilitation and Pharmacotherapeutic Intervention Trial) (Schwab et al 928 C)
Great Ape Project (GAP) (Bignall 610 Com)
Groin pain Adductor-related, effectiveness of active physical training as treatment (randomised trial) (Holmich et al 439) (Gibbon 1444 C) (Syme et al 1444 C)
Group Against Targeted Sterilisation (GATS) Opposition to policy in India (Kumar 1251 N) (Merrick 1977 C)
Growth Fetal see Fetus; Fetal restriction, diagnosis of by ultrasound (Bobrow and Soothill 1460 Com) (Mongelli and Gardosi 2156 C); Food from iron cooking pots effect in young children (randomised trial) (Brabin 690 Com) (Adish et al 712); Thinness at birth and mitochondrial DNA 16189 variant association (Casteels et al 1499 R)
Growth factors In space (Gunga et al 470 R) (Gunsilius et al 1529 C)
Growth hormone Clonidine stimulation test, multiple system atrophy *vs* Parkinson's disease differentiation failure (Clarke et al 1329 R); Recombinant human (r-hGH), detection of doping with (Wu et al 895 R) (Jenkins 1532 C); Replacement therapy effect on early atherosclerotic changes in GH-deficiency (Bengtsson and Johannsson 1898 Com)
Growth retardation Intrauterine, thrombophilia and pre-eclampsia association (Greer 1260)
Guidelines Websites related to (Morris 1450); See *also* Clinical guidelines
Guinea-Bissau Disinfection of corpses to prevent cholera spread (Gunnlaugsson and Einarsdóttir 671 C)
Gulf War syndrome Admission in Australia and compensation sought (Tattam 2136 N); Epidemiological/symptom investigations and emotional/physical costs of wars (Straus 162 Com) (Unwin et al 169) (Ismail et al 179) (Ferguson 1182 C) (Roff 1182 C) (Unwin et al 1182 C) (Holdstock and Stott 1183 C) (Hunt et al 1183 C)
Guthrie cards *FMR1* gene CGG repeat fragment

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Humanitarian crisis In Balkans and aid agencies' response (Morris 1423 N); Escalation in Yugoslavia (Morris 1598 N)
Hungary Infanticide penalties increased and incubators outside hospitals (Glass 570 N); Postgraduate training in refugee medicine (Agovino 907 N)
Huntington's disease Apoptosis inhibition as therapeutic strategy (Morris 1770 N); Increased transglutaminase associated with huntingtin aggregates (Fishman 2216 N); Neural transplantation (Borlongan et al sl29); Pathogenesis and role of caspase-1 and apoptosis (Morris 1770 N); Reversible and possible globus pallidus lesion (Altschuler 240 C) (Bonelli et al 240 C)
Hussein, King Medical supplies delivered to Gaza by US company in memory (654 N)
Hutchinson's sign As presenting feature of nail-apparatus melanoma (Spencer 84 Com)
Hyaff-NW In extensive burns management (Harris et al 35 R)
Hyaluronic acid Use with cultured autologous keratinocytes/fibroblasts in extensive burns (Harris et al 35 R)
Hydrocortisone Low-dose, in chronic fatigue syndrome (randomised trial) (Jeffcoate 424 Com) (Cleare et al 455) (Baschetti 1618 C) (Dessein and Shipton 1618 C) (Rea and Buchwald 1618 C) (Cleare et al 1619 C) (Shepherd 1619 C)
Hydroxocobalamin Intramuscular and hypersensitivity reaction (Snowden et al 411 C); For vitamin B12 deficiency (Freeman 410 C) (Nyholm 411 C) (Snowden et al 411 C)
5-Hydroxyindoleacetic acid (5-HIAA) Relationship to platelet serotonin after stem-cell or bone-marrow reinfusion (Wymenga et al 293 R)
5-Hydroxytryptamine (5-HT) see Serotonin
Hyperaldosteronism Glucocorticoid-suppressible (Stewart 1343 S); See also Aldosteronism, primary
Hyperammonaemia In ornithine transcarbamylase deficiency (case report) (Ellaway et al 1408)
Hyperbaric oxygen For toxic megacolon (Kuroki 70 C) (Welfare et al 70 C)
Hypercalcaemia Familial benign hypocalciuric, calcium-sensing receptor (CaR) gene mutations (Pearce 83 Com); Of malignant disease, immunotherapy by PTH immunisation (Stevenson 340 Com) (Bradwell and Harvey 370) (Schott et al 1188 C); In sarcoidosis and association with hyperparathyroidism (case report) (Young et al 374)
Hypercalciuria Autosomal dominant hypocalcaemic, calcium-sensing receptor (CaR) gene mutations associated (Pearce 83 Com)
Hypercholesterolaemia Familial see Familial hypercholesterolaemia
Hyperemesis gravidarum Management (Child 325 C) (Dickson 325 C); Thiamine deficiency from and Marchiafava-Bignami disease associated with and recovery (case report) (Hillbom et al 1584) (Chan 2242 C); Thyroid function assessment and thyrotoxicosis therapy (Chan 2243 C)
Hyperforin From St John's wort, antibacterial action against MRSA and gram-positive bacteria (Schempp et al 2129 R)
Hyperglycaemia Admission, prevalence in acute stroke (Scott et al 376 R); New diagnostic criteria for diabetes and mortality in elderly (Balkau et al 68 C) (Cordido et al 69 C)
Hyperhomocysteinaemia In subcortical vascular encephalopathy (FaBbender et al 1586 R)
Hyperlipidaemia HIV-1 protease inhibitor association and diagnosis/natural course (Carr et al 2093); Intensive management in diabetes mellitus of benefit (Gerstein 606 Com); As treatable cause of vertigo (Saadah 591 C)
Hypermenorrhoea Ritonavir association (Nielsen 811 R)
Hyperosmolar coma Management and fluid/electrolyte homeostasis (MacGregor and Dolinski 1188 C)
Hyperostosis In Erdheim-Chester disease (case report) (Oliveira et al 2034)
Hyperparathyroidism Neonatal severe, calcium-sensing receptor (CaR) gene mutations associated (Pearce 83 Com); In sarcoidosis and hypercalcaemia with (case report) (Young et al 374); Secondary, preoperative imaging of parathyroid glands with ^{99m}Tc-sestamibi and ^{123}I (Wheeler 2174 Com) (Hindié et al 2200)
Hyperprolactinaemia Misleading, in pregnancy and macroprolactinaemia causing (case report) (Heaney et al 720); Missed diagnoses and sildenafil use (Garg et al 375 R)
Hypersensitivity Delayed, erythema nodosum and protective effect in coccidioidomycosis (Braverman 168 Com); Intramuscular hydroxocobalamin (Snowden et al 411 C)
Hypertension ACE inhibitors vs conventional treatment in Captopril Prevention Project (CAPPP) (Cutler 604 Com) (Hansson et al 611) (Lim 1793 C) (Scheen 1793 C) (Messerli and Grossman 1794 C) (Wiggam et al 1794 C) (Brown and Brown 1795 C) (Gueyffier et al 1795 C) (Hansson et al 1795 C); Allele-sharing method and other strategies to identify gene (Colhoun 1200 Com) (Wong et al 1222) (Wong et al 2245 C) (Wang 2245 C); Aspiration pneumonia in elderly and ACE inhibitor action (Teramoto and Ouchi 843 C); Definition, treatment guidelines and recommendations (O'Brien and Staessen 1541 Com); Endothelin role and endothelin receptor antagonist therapy (Benigni and Remuzzi 134); Genetic linkage of sodium channel subunit genes to systolic blood pressure and confirmation of genes needed (Colhoun 1200 Com) (Wong et al 1222) (Wong et al 2245 C) (Wang 2245 C); Hypokalaemia and plasma renin activity suppression see Mineralocorticoid hypertension; Importance to outcome of small blood pressure changes (O'Brien and Staessen 1541 Com); Intensive management in diabetes mellitus of benefit (Gerstein 606 Com); Mineralocorticoid see Mineralocorticoid hypertension; Prediction and relationship to stress response (2217 N); Pulmonary see Pulmonary hypertension; Secondary, primary aldosteronism in primary care population causing (Lim et al 40 R) (Chan and Isaacs 1013 C) (Lim et al 1013 C) (Wilson 1013 C); Treatment in vascular dementia prevention trial (Syst-Eur) (Pahor et al 235 C) (Zuccalà et al 235 C) (Forette et al 236 C) (Leys and Pasquier 236 C) (Kario and Pickering 1184 C); WHO–ISH guidelines for management (Bradbury 563 N)
Hypertension Optimal Treatment (HOT) study (Isles et al 148 C) (Meade 149 C) (Zanchetti et al 149 C) (Cleland and Alamgir 676 C) (Meade 676 C)
Hypertext-based system For molecular identification of micro-organisms (Harmsen et al 291 R)
Hyperthyroidism Cancer incidence/mortality after radioiodine treatment (Franklyn et al 2111); Therapy in hyperemesis gravidarum (Chan 2243 C)
Hypertrophic cardiomyopathy Mitochondrial DNA abnormalities (Odawara and Yamashita 150 C)
Hypnosis Neurological basis and therapeutic uses (Larkin 386 N)
Hypoadrenia In chronic fatigue syndrome (randomised trial) (Jeffcoate 424 Com) (Cleare et al 455) (Baschetti 1618 C) (Dessein and Shipton 1618 C) (Rea and Buchwald 1618 C) (Cleare et al 1619 C) (Shepherd 1619 C)
Hypochondriasis Treatments (Clark and Salkovskis 671 C) (Ben-Tovim and Esterman 672 C) (Tyrer et al 672 C)
Hypoglossal canal Speech capacity not correlated with size (Larkin 649 N)
Hypoglycaemia Consumption of unripe ackee fruit causing fatal encephalopathy epidemic in children and (Meda et al 536) (Küpfer and Idle 1622 C) (Quere et al 1623 C) (Sherratt and Turnbull 1623 C)
Hypoglycin A In unripe ackee fruit causing fatal encephalopathy epidemic in children (Meda et al 536) (Küpfer and Idle 1622 C) (Quere et al 1623 C) (Sherratt and Turnbull 1623 C)
Hypokalaemia Hypertension with (Stewart 1341 S); Metabolic alkalosis in atypical cystic fibrosis (case report) (Johnson et al 1492); Rhabdomyolysis secondary to and presenting with muscle pain after exercise (case report) (Nielsen and Mazzone 1062)
Hypophosphataemia In hypovitaminosis D due to fat malabsorption after small bowel resection (case report) (Mingrone et al 806)
Hypotension Orthostatic, blood pressure increased by drinking water (Jordan et al 723 R) (Jordan et al 1971 C) (Senard et al 1971 C)
Hypothalamic-pituitary-adrenal axis Antibody response to influenza vaccine in elderly carers of dementia patients (Vedhara et al 627) (Desai and Chibnall 1969 C) (Vedhara 1970 C)

Hypothesis

Aflatoxin B_1-induced hepatic steatosis and role of carbonyl compounds and diols (Amaya-Farfan 747)
Bacterial infection in pathogenesis of variceal bleeding (Goulis et al 139)
Fetal insulin hypothesis: alternative explanation for low birthweight with diabetes and vascular disease (Hattersley and Tooke 1789)

Hypovitaminosis Subcortical vascular encephalopathy pathogenesis (FaBbender et al 1586 R)
Hypovitaminosis D Due to fat malabsorption after small bowel resection presenting with muscle weakness and bone pain (case report) (Mingrone et al 806)
Hysterectomy In menorrhagia (Stirrat 2175 Com)

I

Ibutilide Acute renal failure after (Franz et al 467 R)
ICAM-1 Rhinovirus receptor blocked by tremacamra and trial of use in common colds (Senior 1769 N)
Ice Man Laxative use (Tunón and Svanberg 925 C) (Capasso 926 C) (Pöder and Peintner 926 C)
ICON2 trial Carboplatin vs combination therapy in ovarian cancer (Gore et al 587 C) (Piccart et al 587 C) (Parmer et al 588 C)
ICOPER (International Cooperative Pulmonary Embolism Registry) Acute pulmonary embolism and clinical outcomes (Hirsh and Bates 1375 Com) (Goldhaber et al 1386)
Idiopathic dilated cardiomyopathy see Dilated cardiomyopathy
IgA nephropathy (Couser 1511 S); Corticosteroid treatment (randomised trial) (Harper and Savage 860 Com) (Pozzi et al 883) (Ashman et al 2159 C) (Pozzi and Locatelli 2159 C)
Ileal conduit Construction (Neal sl24)
Image-guided energy delivery Novel technique (Rattner sl13)
Imipenem Resistance in IMP-1 producing isolates in Europe (Cornaglia et al 899 R)
Immune response Against bladder cancer (Alexandroff et al 1692); Allergy priming and Th2 cell persistence in infancy (Björkstén 167 Com) (Prescott et al 196) (Gray 1187 C); Antibody response in elderly carers of dementia patients (Vedhara et al 627) (Desai and Chibnall 1969 C) (Vedhara 1970 C); Ebola virus infection recovery (Bonn 1161 N)
Immune stimulatory genes Introduction into tumour cells (Rowe 2133 N)
Immune tolerance Induction in transplantation (Denton et al 1089)
Immunisation Diphtheria risk among schoolchildren related to last vaccination time (Vitek et al 355); Implications of age-based policies for influenza immunisation (Watkins et al 208 R); New recommendations by US CDC (Wehrwein 478 N); PTH peptide for immunotherapy of hypercalcaemia of malignancy (Stevenson 340 Com) (Bradwell and Harvey 370) (Schott et al 1188 C); Tales of in Celtic Britain (Hunter 1020 C); Vitamin A supplement linked to in infancy (154 correction); See also specific vaccines
Immunity Measles and effect of subclinical infection (Whittle et al 98)
Immunocompromised patients CMV leucocytoclastic vasculitis presenting with rash and swelling (Hogarth et al 978)
Immunoglobulin E (IgE) Levels in asthmatic children and susceptibility to air pollution (Burney 859 Com) (Boezen et al 874); Monoclonal antibodies for allergy therapy (Morris 1682 N); Serum levels reduced after tuberculosis treatment (Adams et al 2030)
Immunosorbent column (Prosorba) FDA approval for use in rheumatoid arthritis and benefits (Ault 1071 N)
Immunosuppression Hand transplantation (Foucher 1286 Com) (Dubernard et al 1315); Peptide-mediated (Denton et al 1089); Strategies in transplantation (review) (Denton et al 1083 N)
Immunosuppressive drugs Initial and maintenance therapy (Denton et al 1083); In transplantation (review) (Denton et al 1083 N)
Immunotherapy Active specific (ASI) for stages II/III colon cancer (randomised trial) (Vermorken et al 345) (Blot et al 1524 C) (Bremers and Parmiani

1524 C) (Lukacs and Davies 1525 C) (Vermorken et al 1525 C); For colorectal cancer (Midgley and Kerr 398 S); Dendritic cell, in parathyroid carcinoma (Schott et al 1188 C); Hypercalcaemia of malignant disease (Stevenson 340 Com) (Bradwell and Harvey 370) (Schott et al 1188 C)
Impairment Predictive value of gadolinium-enhanced MRI for relapse in multiple sclerosis (meta-analysis) (Kappos et al 964)
Implantable cardiac defibrillator (ICD) Efficacy *vs* antiarrhythmic drugs (MUSTT study) (Husten 903 N); Premature cessation of Nordic ICD pilot study and results (Thomsen et al 2130 R)
Implantable methods Chronic pain management (Ashburn and Staats 1868)
Impotence After surgery for rectal cancer (Banerjee 1900 Com); Management with sildenafil before systematic assessment (Garg et al 375 R); NOS inhibitors causing (Benjamin 256 Com); *See also* Sildenafil (Viagra)
In-situ split-liver (ISSL) technique Liver grafts (Colledan et al 1763 R)
In-vitro fertilisation Guidelines flouted in Japan (Watts 303 N); Guidelines in Israel (Fishman 736 N) (Fishman 2163 C) (Schenker 2163 C); Legislation in Italy (Simini 1950 N); Perinatal mortality and premature births association after (Baird et al 1724 Com) (Draper et al 1746); Sickle cell disease prevention (1682 N); Standards for reporting outcomes to prevent over-reporting success rates (Australia) (Harrigan 1774 N); Unlimited access advised for Israel (Fishman 570 N)
In-vitro spermatogenesis Premeiotic arrest overcome by (Steele et al 516 Com) (Tesarik et al 555 R) (Foresta et al 1707 C) (Tesarik et al 1708 C)
INCLEN (International Clinical Epidemiology Network) (Macfarlane et al 503 C)
Inclusion-body myositis Sporadic, methionine homozygosity at prion gene codon 129 predisposing to (Lampe et al 465 R)
Incontinence *see* Faecal incontinence; Urinary incontinence
India Adult Diarrhoea Rotavirus (ADVR) emergence (Krishnan et al 380 R); AIDS in army personnel (1508 N); Anti-cancer drug trials halted (Sharma 735 N); Arogyapacha plant knowledge sold by Kani community (Kumar 1164 N); Cancer pain relief and need for palliative care (Desai 677 C) (Ghooi et al 677 C); Cholera epidemiology (Agarwal and Shukla 2068 C); Compulsory HIV testing of children in care (Sharma 390 N); Doctor threatened with deportation (994 N); Drug patent legislation changed (Kumar 305 N); Failure to meet WHO leprosy elimination targets (Kumar 652 N); High lead levels in children (Sharma 647 N); HIV vaccine testing and AIDS campaigner on trial (Kumar 1686 N); Indiscriminate marketing of vaccines (Sharma 1165 N); Largest number of HIV infected people in world (Kumar 48 N); Mass sterilisation of women at health care camps and opposition (Kumar 1251 N) (Merrick 1977 C); Medical institute strike (Sharma 568 N); Organ donation without consent (Sharma 1076 N); Polio immunisation strategies reviewed (Sharma 1688 N); Prospective hospital surveillance of pneumococcal disease (Ostroff 1201 Com) (Invasive Bacterial Infection Surveillance (IBIS) Group 1216); Public health threat from dogs (Kumar 2219 N); Social class and coronary heart disease relationship (Singh et al 154 C); Unhealthy children (2133 N); Xenotransplant surgeon to seek damages from government over arrest (Sharma 48 N)
Indian Medical Association Protection for doctors sought (Sharma 220 N)
Infant feeding Solid foods and weaning guidelines (Ewing and Green 327 C)
Infant formulae Free for HIV-infected infants in Catalonia (Bosch 1506 N); Lactose-free and unethical promotion (Tahir 2247 C)
Infant mortality Rate in Russia (337 E)
Infanticide Penalties increased in Hungary (Glass 570 N); Sudden infant death syndrome confusion and need for thorough investigations and criteria (161 E) (Davis 749 C) (de Meer 749 C)
Infants Allergy priming and Th2 response persistence (Björkstén 167 Com) (Prescott et al 196) (Gray 1187 C); Doctors acquitted in morphine overdose trial (UK) (Ashraf 1508 N); Health and relationship to mothering skills (Parker et al 1151 R); Importance of breastfeeding and breastfeeding promotion by home-based peer counselling (randomised trial) (Morrow et al 1226); Light exposure during sleep and myopia prevalence (1682 N); Neuroblastoma incidence (Bessho 70 C); Relationship with mother and control of breastfeeding frequency (Manz et al 1152 R); Sudden death *see* Sudden deaths; Sudden infant death syndrome (SIDS); Unwanted in Hungary and infanticide penalties (Glass 570 N); Vitamin A supplement linked to immunisation (154 correction); *See also* Neonates; Premature infants
Infections Acute myocardial infarction link (Senior 472 N); In early childhood preventing allergies in later childhood (Krämer et al 450) (Krämer et al 1969 C) (Xu and Pekkanen 1969 C); Intestinal, hospital admissions and deprivation link (Olowokure et al 807 R); Perinatal, with group B streptococcus (Schuchat 53 S)
Infectious disease European Centre (Sehgal 329 C) (Tibayrenc 329 C); Global mortality (Kapp 2222 N); Priorities for surveillance (Giesecke 344 Com); WHO warning (Kapp 2222 N)
Infertility Egg donors from outside Israel for Israeli women (Fishman 736 N) (Fishman 2163 C) (Schenker 2163 C); Information about *vs* choice of treatments (1895 E); Perinatal mortality and premature births after (Baird et al 1724 Com) (Draper et al 1746); *See also* Fertility
Inflammation Markers as predictors of diabetes (Schmidt et al 1649); Proinflammatory cytokines and endotoxin in chronic heart failure (Mann 1812 Com) (Niebauer et al 1838); Proinflammatory cytokines and production inhibition by pravastatin (Rosenson et al 983 R) (Ikeda and Shimada 2070 C)
Inflammatory arthritis Classification (McGonagle and Emery 671 C) (Braun and Sieper 1526 C) (McGonagle et al 1526 C)
Inflammatory mediators Effects in heart failure and role of endotoxin (Mann 1812 Com) (Niebauer et al 1838)
Inflight Medical Kit Task Force Frequency of in-flight assistance and rewards (Tabor 413 C) (Waite 413 C)
Infliximab Enterocutaneous fistula closure in Crohn's disease (McCarthy 1683 N); In rheumatoid arthritis and ATTRACT trial results (Jack 2132 N)
Influenza Emergency-care crisis in NHS due to (Dean 129 N); Fatalities from outbreak in Japan (Watts 730 N); Immunisation and implications of age-based policies (Watkins et al 208 R); Outbreak crisis in Spain (Barcelona) (Bosch 220 N); Vaccination, antibody response in elderly carers of dementia patients (Vedhara et al 627) (Desai and Chibnall 1969 C) (Vedhara 1970 C); Vaccine for 1999-2000 season (Bradbury 730 N); Websites (Larkin 77); WHO's continued surveillance (MacGregor and Bradbury 816 N); Zanamivir (Relenza) failure to obtain FDA approval (Ault 816 N); Zanamivir treatment (Fleming 668 C) (Read 668 C) (Silagy et al 669 C)
Influenza A Inhaled zanamivir treatment (504 correction); New strain in Hong Kong derived from birds (Bradbury 1335 N); Virulent H3N2 strain outbreak in China (Bradbury 43 N); Zanamivir efficacy and safety (1104 correction)
Influenza B Inhaled zanamivir treatment (504 correction); Zanamivir efficacy and safety (1104 correction)
Influenza virus Otitis media pathogenesis (Larkin 473 N)
Information Free access to human genome sequence data and commercial interests issues (1721 E); Freedom, UK draft bill and exemptions (Ashraf 1950 N); Infertility treatment and impact on choice (1895 E); Medical *see* Medical information; State funding of research and data disclosure concerns in US (1027 E)
Information technology Video-conferencing as start of new era in health promotion (Tattam 1338 N)
Informed consent Based on verbal information inadequate owing to patient' recall limits (Lloyd et al 645 R) (Gattellari et al 1713 C) (Heneghan 1713 C) (2164 correction); For genetic testing for *BRCA1* and *BRCA2* genes (Peshkin and Lerman 2176 Com); For research into neonatal illness and inquiry over continuous negative extrathoracic pressure trial (685 E) (Tarnow-Mordi 1530 C); *See also* Consent
Inhaler devices Systemic effect of inhaled corticosteroids differing with (Wilson et al 2128 R)
Injured UK Law Society campaign against ending of legal aid for (Mitchell 1599 N)
D-*chiro*-inositol treatment Polycystic ovary syndrome (Wunsch 1594 N)
Inotropic agents Haemodynamic effects of intracoronary pyruvate in congestive heart failure (Hermann et al 1321)
Insect electrocutor light traps Allergic insect particle release and concerns (Pearson 2044 N)
Insecticides Impact of fly control on childhood diarrhoea in Pakistan (Chavasse et al 22) (Levine et al 1020 C)
Insects *Mycobacterium ulcerans* transmission (Portaels et al 986 R)
Institute for Genomic Research (TIGR) Genome sequencing method and interview with Craig Venter (Larkin 2218 N); Human genome sequencing and intellectual property rights (1721 E)
Institute of Medicine (IOM) Marijuana benefits for terminally ill and active ingredient (Ault 1077 N); No syndrome caused by breast implants (Mitchell 2215 N)
Insula Left anterior, role in articulation (Donnan et al 1031 Com) (Wise et al 1057)
Insulin In glucose-insulin-potassium infusion for myocardial protection (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C); Non-peptidyl fungal metabolite as mimetic and possible diabetes treatment (Bradbury 1594 N); Role in fetal growth and fetal insulin resistance effect (Hattersley and Tooke 1789)
Insulin resistance Genetically determined and fetal insulin hypothesis (Hattersley and Tooke 1789); Non-alcoholic steatohepatitis association (James and Day 1634 Com)
Insulin-like growth factor 1 (IGF-1) Binding protein-1 in cervix as marker of complications of bacterial vaginosis in pregnancy (Kekki et al 1494 R); In milk from recombinant bovine somatotropin-treated cows and safety concerns (Morris 1165 N); In milk and safety concerns (Morris 306 N)
Insurance Compulsory for medical practitioners in Victoria (Australia) (Loff and Cordner 218 N); *See also* Health insurance
Intacs (lens) Myopia aid backed by FDA (Ault 300 N)
Integrins $\alpha_{IIIb}\beta_3$ function and defects (Etzioni 341 Com); β_2 (CD18) subunit defect in LAD-I (Etzioni 341 Com); Structure, functions and defects (Etzioni 341 Com)
Intelligence Neurobiological basis and Albert Einstein's brain (Witelson et al 2149)
Intensive care Propofol-infusion syndrome in children and (Hatch 1117 Com) (Bray 2074 C) (Murdoch and Cohen 2074 C); *See also* Critical care
Intensive care units Unrecognised iron deficiency (Breymann et al 841 C) (Saibara et al 842 C) (von Ahsen et al 842 C) (Mitchell 843 C)
Intercellular adhesion molecule 1 (ICAM-1) *see* ICAM-1
Interferon α In metastatic renal cell carcinoma (Amato 6 Com) (Medical Research Council Renal Cancer Collaborators 14); Multiple myeloma treatment (Gahrton 85 Com); Uterine leiomyoma shrinkage after (Minakuchi et al 2127 R)
Interferon α-2b Adjuvant therapy in melanoma (Ascierto and Palmieri 328 C); In chronic hepatitis C infection (Fernández et al 499 C) (Kingsley 499 C) (Poynard et al 500 C); Severe vision loss in malignant melanoma after (Lohmann et al 1326 R)
Interferon β-1a Relapsing/remitting multiple sclerosis treatment (Herndon 494 C) (Johnson and Panitch 494 C) (Galazka 495 C) (Goodin 495 C) (Forbes and Swingler 496 C) (O'Connor 496 C) (Ebers et al 497 C) (Goodkin 498 C) (678 correction) (Compston 1710 C)
Interferon β-1b Activation-induced T cell death augmented in multiple sclerosis (Kaser et al 1413 R); Licence extension for secondary progressive multiple sclerosis (in UK) (478 N); Relapsing/remitting multiple sclerosis treatment (Herndon 494 C) (Johnson and Panitch 494 C) (Galazka 495 C) (Goodin 495 C) (Forbes and Swingler 496 C) (O'Connor 496 C) (Ebers et al 497 C) (Goodkin 498 C) (678 correction) (Compston 1710 C)
Interferon-γ In Ebola virus infection (Bonn 1161 N)
Interferons Duration of multiple sclerosis trials and inadequacy? (Rudge 1033 Com) (Kappos 2242 C) (Rudge 2242 C)
Interleukin-1 (IL-1) receptor antagonist (IL-1ra) Concentrations in neonatal sepsis (Önal et al 239 C)
Interleukin-1β (IL-1β) In Crohn's disease relapse (Hodgson 425 Com) (Schreiber et al 459)
Interleukin-2 (IL-2) HAART with and no detection of HIV-1 after (Morris 1945 N); Subcutaneous *vs* intravenous in asymptomatic HIV-1 infection (randomised trial) (Levy et al 1923)
Interleukin-6 (IL-6) Concentrations in neonatal sepsis (Önal et al 239 C) (Mehr and Doyle 1798 C) (Önal et al 1798 C); Effect of statins on C-reactive protein and (Ikeda et al 1274 C); Target in multiple myeloma treatment (Gahrton 85 Com)
Interleukin-10 (IL-10) Low concentrations in severe malarial anaemia (848 correction)
Interleukin-12 (IL-12) Chloroquine with for malaria treatment (815 N)
International Clinical Epidemiology Network (INCLEN) (Macfarlane et al 503 C)
International Committee of Medical Journal Editors Statement on sacking of *JAMA* editor-in-chief (Horton 390 N)
International Confederation of Free Trade Unions (ICFTU) Labour rights as human rights (Holtz 923) (Staples 1626 C)
International Conference on Population and Development (Cairo) Resources and implementation of goals (Potts and Walsh 315) (Angel 932 C)
International Cooperative Pulmonary Embolism Registry (ICOPER) Acute pulmonary embolism and clinical outcomes (Hirsh and Bates 1375 Com) (Goldhaber et al 1386)
International Labour Organisation (ILO) Convention and labour rights (Holtz 923) (Staples 1626 C)
International League Against Epilepsy (ILAE) Epilepsy diagnosis and treatment workshop (Pal et al 1817 Com)
International Monetary Fund (IMF) Health charges as

condition for debt relief in Mozambique (Logie et al 2077 C)
International Narcotics Control Board (INCB) Criticism of prescribing practices (Morris 820 N)
International Organisation for Migration (IOM) Postgraduate training on refugee medicine in Budapest (Agovino 907 N)
International Society of Hypertension Guidelines for hypertension management (Bradbury 563 N)
International Study of Unruptured Intracranial Aneurysms (ISUIA) Treatment options for aneurysms (Kirkpatrick 942 Com) (Wakai 1975 C)
Internet Advertising of medicines in BMJ reconsidered by MCA (Ashraf 2136 N); Anti-abortionists sued by US doctors for publishing personal information (Oregon) (Rovner 303 N); Criticisms of editors, journal and "kangaroo court" (Grant 1190 C) (Chalmers 1191 C); Dietary supplements database (127 N); European drug regulation and enforcement of UK legislation (Greenaway 330 C); Museum of Unnatural Mystery (Larkin 507); NIH's E-biomed proposal for public access to research findings (1985 E); Videoconferencing as start of new era in health promotion (Tattam 1338 N); Visual AIDS Web Gallery (Archive Project) (Larkin 2079); See *also* Websites
Intervertebral disc Degeneration and genetic link (649 N)
Intestinal angina (Marston 1875 Es)
Intestinal heat-resistant replicating agent (IFDO) As model for sterilisation against CJD (Burdon 1271 C)
Intestinal infections Hospital admissions and deprivation link (Olowokure et al 807 R)
Intestinal reservoirs Bladder replacement (Neal sl24)
Intestine *see* Colon; Small intestine
Intima-media Thickness and effect of GH replacement therapy in GH deficiency (Bengtsson and Johannsson 1898 Com)
Intracranial aneurysms Treatment options (Kirkpatrick 942 Com) (Wakai 1975 C)
Intracytoplasmic sperm injection (ICSI) Azoospermia treatment and concerns over damaged sperm use (Steele et al 516 Com); De-novo balanced autosomal translocations after (Lev et al 119 R); Sex chromosome anomalies after due to non-random chromosome positioning in sperm (Luetjens et al 1240 R)
Intrastromal corneal ring Backing by FDA (Ault 300 N)
Intrathecal cytotoxic drugs Headache incidence reduction method (Lo et al 2038 R)
Introgen p53 replacement therapy (848 correction)
Iodine Deficiency in France (Valeix et al 1766 R)
Iodine-123 Preoperative imaging of parathyroid glands in secondary hyperparathyroidism (Wheeler 2174 Com) (Hindié et al 2200)
IP-10 High concentrations in multiple sclerosis (Wunsch 989 N)
Iraq Health care (Baker 1977 C); Medical services decline (Kandela 1861 N)
Ireland, Republic Abortion issues highlighted (Birchard 131 N); Breast cancer conference (1508 N); Competition Authority investigation of price fixing by insurance companies (1252 N); Consultant posts should double to avoid long-term crisis (Birchard 822 N); Government apology for victims of child abuse (Birchard 1775 N); Gypsy lifestyle protective from asthma (Birchard 564 N); Hepatitis C compensation ruling (Birchard 1507 N); HIV screening of pregnant women (909 N); Hospital cervical smear blunder and debate (Birchard 1422 N); Human and camel bones mystery in Trinity College (Dublin) (Birchard 1337 N); Injunction against antiabortion protesters (Birchard 993 N); Joint medical services with Northern Ireland to be developed (Birchard 478 N); Junior doctors' possible strike over Millennium period (1340 N); Liver transplant unit closure possible (305 N); New variant CJD case (Birchard 2221 N); Parental abuse by adult children increasing (Birchard 1251 N); Self-care among doctors (Birchard 219 N) (Michiels et al 1278 C); Suicide rate increase (Birchard 734 N)
Irinotecan Optimal doses in metastatic colorectal cancer (Erlichman et al 1275 C) (Cunningham 1276 C)
Irish Blood Transfusion Service Board Self-sufficiency (Birchard 2221 N)
Irish Family Planning Association Injunction against antiabortion protesters (Birchard 993 N)
Irish Hospital Consultants Association (IHCA) Competition Authority in Ireland investigation of price fixing with insurance companies (1252 N)
Iron Deficiency in coronary artery bypass grafting (CABG) (Mitchell 843 C); Hydrogen-reduced, high bioavailability from UK flour (Roe and Fairweather-Tait 1938 R); Intestinal absorption in hereditary haemochromatosis (Anderson and Powell 2089 Com) (Zoller et al 2120); Overload and concerns over fermented beers in iron drums (Brabin 690 Com); Overload in haemochromatosis due to increased NRAMP-2 (duodenal metal-transporter) expression (Anderson and Powell 2089 Com) (Zoller et al 2120); Supplementation, guidelines for children (Brabin 690 Com); Unrecognised deficiency in critical illness (Breymann et al 841 C) (Saibara et al 842 C) (von Ahsen et al 842 C) (Mitchell 843 C)
Iron cooking pots Effect on iron status and growth in children (randomised trial) (Brabin 690 Com) (Adish et al 712)
Iron-deficiency anaemia In premenopausal women (Goddard et al 1014 C) (Farrell and LaMont 1015 C) (Hin et al 1015 C); In premenopausal women and coeliac disease association (Unsworth et al 1100 C); Reduction by use of iron cooking pots (randomised trial) (Brabin 690 Com) (Adish et al 712)
Ischaemia Critical lower limb, spinal cord stimulation (randomised trial) (Klomp et al 1040)
Ischaemic heart disease Long-term nitrate therapy and tolerance prevention/treatment (Glasser 1545 Com); Mortality reduction with α-tocopherol (CHAOS trial) (Mitchinson et al 381 R) (Mitchinson et al 1018 C) (Ness and Smith 1018 C); *See also* Coronary heart disease (CHD); Myocardial infarction
Isolated angiitis of CNS (IACNS) Presenting as rapidly progressive dementia (case report) (Börnke et al 1150)
Isoniazid Once-weekly treatment and rifamycin monoresistance in HIV-related tuberculosis after (Vernon et al 1843)
Israel Cloning ban endorsed by scientists (Fishman 218 N); EU agreement for scientific and technical cooperation (1078 N); Fly control (fly traps) (Levine et al 1020 C); In-vitro fertilisation (IVF) guidelines and egg donors from outside Israel (Fishman 736 N) (Fishman 2163 C) (Schenker 2163 C); Marijuana guidelines (Fishman 388 N); Medical waste problem (Fishman 654 N); Poverty and ill-health link in children (report) (Fishman 132 N); Private medicine increased (Fishman 1947 N); Unlimited access to in-vitro fertilisation (Fishman 570 N)
Italy Appeal against European gene-patent Directive (Simini 132 N); Best-selling book by oncologist on poor practices by Italian doctors (Simini 1864 N); Breast milk substitute market and business expanding (Simini 1077 N); Early defibrillation by emergency "first responders" trialled (Simini 1864 N); Electroconvulsive therapy guidelines and restrictions (Simini 993 N); In-vitro fertilisation legislation (Simini 1950 N); Incorrect allegations on former Minister of Health and blood-product safety scandal (De Lorenzo 1364 C); Organ donation law (569 N); Polio vaccination schedule amended (Wehrwein 478 N); *Streptococcus pyogenes* sepsis after liposuction surgery (Simini 1164 N); Transmissible spongiform encephalopathy epidemic in sheep/goats (Agrimi et al 560 R)
Ivermectin Community-directed treatment (CDTI) (Katabarwa et al 757 C); Distribution for onchocerciasis in Africa (Katabarwa et al 757 C)
***Ixodes persulcatus* ticks** Monocytic *Ehrlichia* in, in Russia (Ravyn et al 722 R)

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Jabs & Jibes A day at the market (Greenbaum 1810); A role model? (Farrell 1538); Academic medicine by numbers (Yew 420); Bon appetit (Kandela 1026); By the way, doctor (Welbery 2256); Delete the revolution (Greenberg 764); Different ball-parks (Lux 510); Email: fighting back (Goodwin 1372); Hale to the Chief (Greenberg 1892); "I'm hoping for a miracle doctor" (Greenbaum 854); J'accuse (Kernick 250); Lady *Nyasa* sails again (King 2084); Love's labour's lost? (Eastwood 160); "Manners maketh man" (Procter 938); "Mud, Mud, Glorious Mud" (Eastwood 1198); My lucky day (Farrell 1984); Phantom toe paralysis (Brewin 1284); Post-Christmas traumatic syndrome (Kandela 336); Shades of Dorian Gray (Eastwood 1720); Sisyphus and the 7-year-old (Shah 684); The cool gene? (Jack 1110); The cow in the consulting room (Cooper 80); The fun of science (Erill 2170); The name's the game (Kernick 1632); The weight of evidence (Erill 602); Uganda: seeds of hope (Moore 1454)
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Jamaican vomiting sickness Fatal ackee fruit poisoning similarity (Meda et al 536) (Küpfer and Idle 1622 C) (Quere et al 1623 C) (Sherratt and Turnbull 1623 C)
Japan Brain death concept accepted (Watts 821 N); Child safety seats (for cars) approved (Rowling 1048 N); Compensation demanded for former leprosy isolation policies (Watts 1252 N); Dioxin report (TV Asahi's) and public anxieties (Watts 1337 N) (Gough 2163 C); First heart and liver transplantations (Watts 821 N); Home Information Infrastructure and "intelligent toilets" for future (Watts 1597 N); Human rights improvement needed for prisoners (Welsh 922); In-vitro fertilisation guidelines flouted (Watts 303 N); Influenza mortality from current outbreak (Watts 730 N); Loss of leadership role in access to drug data and use of unpublished data for drug licensing (Beppu 1992 Com); Minamata disease compensation claim case to be re-investigated (Watts 387 N); Oral contraceptive pill approved (909 N) (Rowling 2048 N); Outcry at beef sale from "cloned" cows (Watts 1422 N); Patients' concerns about clinical trials (Aoki 1019 C) (Watanabe 1019 C) (Kawabata and Ueno 2077 C); Pet robot developed to give company to elderly (Watts 1166 N); Sildenafil (Viagra) authorised (478 N); Suicides increase (Watts 1688 N); Tokyo terrorist attack (sarin gas - 1995) effects still felt (Watts 569 N); Vancomycin-resistant enterococci in chickens imported into (Ike et al 1854 R); Viagra approval but no approval for oral contraceptive and hidden agenda (Watts 819 N); Werner's syndrome prevalence in heterozygotes (Satoh et al 1766 R)
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Jarisch-Herxheimer reaction In congenital syphilis after antibiotics (case report) (Lackmann et al 290)
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Jehovah's Witnesses Blood transfusions (Wilcox 757 C); Liver transplantation (Detry et al 1680 R)
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Johnson and Johnson Merck OTC sales of lovastatin planned (Ault and McMenemy 1339 N)
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Jordan Medical supplies delivered to Gaza by US company in memory of King Hussein (654 N)
Journal of American Medical Association (JAMA) AMA deal with Lundberg (McCarthy 569 N); Editor-in-chief (G Lundberg) sacked for "bad judgment" (Horton 252 Com) (Minuth 1104 C) (Shiwach 1104 C); Editorial governance plan and committee to evaluate/protect new editor (Frankel 1949 N); Editors' joint statement criticising sacking and AMA's failure to regain credibility (Horton 390 N)
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Juvenile chronic arthritis Refractory, autologous haemopoietic stem-cell transplantation (Wulffraat et al 550) (Kami et al 1885 C) (Quartier et al 1885 C) (Wulffraat 1885 C)
Juvenile-onset Crohn's disease Incidence in Scotland (Armitage et al 1496 R)

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Kampondeni S Winner of *The Lancet* international exchange fellowships 1998 (Horton 610 Com)
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Kaposi's sarcoma Nose drops containing IM862 therapy (McCarthy 1858 N)
Karen population Fetus papyraceus and tradition surrounding (McGready 414 C)
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Kendall E C (Raju 1370)
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Kernicterus Preventive approach (Cooke 1814 Com)
Ketoconazole Hypercalcaemia treatment in sarcoidosis (case report) (Young et al 374)
Kevorkian J Murder conviction over physician-assisted suicide of amyotrophic lateral sclerosis patient (Rovner 1250 N); Trial update and sentence (1340 N)
Kidney Tissue-engineered, tried in uraemic animals (Bradbury 1501 N)
Kidney-cancer Management and radiotherapy use (Halperin 594 C); Risk not increased by heterocyclic amines in meat at normal dietary levels (Forman 686 Com) (Augustsson et al 703)
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Kitzinger S (1198 L)
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Klee P Effect of scleroderma on art (Wolf 1516)
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Kuwait Obesity increase, smoking and organ transplants (Kandela 1249 N)
Kwao Kruea tablets Thai FDA clampdown (2050 N)
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LAAM (Levo-α-acetyl-methadol) Approval for opiate addicts as alternative to methadone in Spain (Bosch 1252 N); Maintenance treatment for opioid dependency (Ward et al 224 S)
Laboratory animals Increased efficiency of use (Hagelin et al 1191 C) (Hauswald 1977 C)
Labour Progesterone metabolite and spontaneous myometrial contractions in vitro (Thornton et al 1327 R)
Labour rights As human rights (Holtz 923) (Staples 1626 C)
β-Lactamase IMP-1 in *Klebsiella pneumoniae* in Singapore (Koh et al 2162 C)
Lactic acidosis NRTI-induced and riboflavin treatment (Luzzati et al 901 R); Thiamine deficiency complicating malaria and association with (Krishna et al 546)
Lacticin 3147 Effective against food poisoning bacteria (2045 N)
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Lactose-free formula Unethical promotion (Tahir 2247 C)
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Lawrie E (Raju 2082)
Laxatives Ice Man and (Tunón and Svanberg 925 C) (Capasso 926 C) (Pöder and Peintner 926 C)
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Lead poisoning Psychomotor delay in Bangladeshi children (Khan and Khan 754 C)
Lectins Mannose-binding, genetic variants associated with meningococcal disease susceptibility (Hibberd et al 1049)
Lederberg J (Raju 2082)
Leflunomide Sulphasalazine and placebo *vs* in active rheumatoid arthritis (randomised trial) (Madhok and Capell 257 Com) (Smolen et al 259) (Bruyn et al 1883 C) (Ferraccioli and De Vita 1883 C) (Smolen et al 1883 C)
Left ventricular assist device (LVAD) DeBakey M's contributions and work (Larkin 1420 N)
Left ventricular failure Adenovirus infection link (Senior 988 N)
Left ventricular hypertrophy Reduced by increasing use of antihypertensive drugs (Mitchell 1503 N)
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Leg Diabetic muscle infarction presenting with fever, swelling and leucocytosis mimicking infection (case report) (Sagar et al 116) (Willenberg et al 1527 C); Pain in Erdheim-Chester disease (case report) (Oliveira et al 2034)
Legionnaires' disease Outbreak in Netherlands (Morris 1250 N); Risk reduced by monochloramine disinfection of drinking water (Kool et al 272)
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Leidy J Review of biography and (Warren/Spiro 245) (Warren 1626 C)
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Leucocytes Haemozoin in and malaria diagnosis by (Lawrence 1852 R); *See also* White cell counts
Leucocytoclastic vasculitis CMV, presenting with rash and knee swelling (case report) (Hogarth et al 978)
Leukaemia Acute lymphoblastic, prognostic value of minimal residual disease in children (Matsumura et al 752 C) (van Dongen et al 752 C); Childhood risk not increased by paternal employment in nuclear industry (Bonn 1944 N); Chronic lymphocytic, inactivation of ataxia telangiectasia mutated gene (Reis 3 Com) (Stankovic et al 26) (Bevan et al 753 C) (Vorechovsky et al 1276 C); Chronic myelogenous, rationally designed agents in early trials (McNamee 2045 N); Selective killing of cells after ultrasound treatment (Tachibana et al 1409 R)
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Levodopa Dyskinesia induced by in advanced Parkinson's disease and riluzole for (Merims et al 1764 R)
Levonorgestrel Timing of emergency contraception with (Piaggio et al 721 R)
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Lifeline Altman L K 684; Altschuler E L 1538; Beaglehole H 510; Cardozo L 938; Costa A 602; Donovan B 1110; Fletcher R 80 (Goddard-Hill 1192 C); Fletcher S W 854; Franceschi S 1720; Hellman S 1372; Kandela P 420; Kitzinger S 1198; Levy C 1632; McLellan F 250; Maisonneuve H 160; Meunier F 1984; Neuberger J 1894; Odent M 764; Oswald N 2084; Pinching A 1284; Remuzzi G 2170; Rennie D 1810; Sessler D I 336; Siesjo B K 1026; Stoppard M 1454; Van Weel C 2256
Lifestyle Anthroposophic, atopy reduction (Strachan 1458 Com) (Alm et al 1485); Disability in elderly and (Ebrahim 1990 Com); Settled and affluent, asthma link (Birchard 564 N)
Lifetime risk Prediction for coronary heart disease (De Backer and De Bacquer 82 Com) (Lloyd-Jones et al 89) (Lloyd-Jones and Levy 924 C) (Ross and Stier 924 C) (Sanchez-Delgado and Liechti 924 C) (Ulrich et al 925 C)
Light Exposure during sleep in infancy and myopia prevalence (1682 N)
Limb ischaemia Critical, spinal cord stimulation (randomised trial) (Klomp et al 1040)
Lipid-lowering drugs Effect on homocysteine levels (de Lorgeril et al 209 R) (Landray et al 1974 C); *See also* Cholesterol-lowering therapy; Statins
Lipids Increased peroxidation in rhabdomyolysis (Holt et al 1241 R); Peroxidation and HDL protection against, paraoxonase gene polymorphism effect (Mackness et al 468 R); Peroxidation in non-alcoholic steatohepatitis (James and Day 1634 Com) (Saibara et al 1802 C)
Lipiodol Iodine-131-labelled, adjuvant intra-arterial in hepatocellular carcinoma (randomised trial) (Lau et al 797) (Pocock and White 943 Com)
Lipmann F A (Raju 1628)
Lipodystrophy HIV-1 protease inhibitor association and diagnosis/natural course (Carr et al 2093); Protease inhibitor-associated and liposuction for (Ponce-de-Leon et al 1244 R); *See also* Buffalo hump
Lipopolysaccharide Binding to lipoproteins, and pravastatin effect (Rosenson et al 983 R) (Ikeda and Shimada 2070 C)
Lipoprotein Responses to enzyme replacement in Gaucher's disease (Cenarro et al 642 R); Transport and pathogenesis of acute coronary syndromes (Fuster et al sII5); *See also* High-density lipoprotein (HDL); Low-density lipoprotein (LDL)
Liposuction For protease inhibitor-associated lipodystrophy (Ponce-de-Leon et al 1244 R); *Streptococcus pyogenes* sepsis after surgery in Italy (Simini 1164 N)
5-Lipoxygenase gene Variations affecting response to antileukotriene therapy in asthma (Larkin 1945 N)
Literature and Medicine Mikhail Bulgakov's *A Country Doctor's Notebook* (Oransky 2059)
Lithium-induced nephrogenic diabetes insipidus (LINDI) Hyperosmolar coma management (MacGregor and Dolinski 1188 C)
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Liver Bioartificial support systems (McChesney et al 120 R); Extracorporeal perfusion (McChesney et al 120 R); Fatty see Fatty liver; Injury caused by floxacin drugs and warning (1948 N); Metastases see Hepatic metastases; Non-alcoholic steatohepatitis see Non-alcoholic steatohepatitis
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Liver transplantation First transplant in Japan (Watts 821 N); In hepatocellular carcinoma (Schafer and Sorrell 1255 S); In-situ split-liver (ISSL) technique (Colledan et al 1763 R); Jehovah's witness (Detry et al 1680 R); Of right lobe with kidney from living donor (Marujo et al 641 R); Unit closure possible in Ireland (305 N)

Liverpool School of Tropical Medicine Research unit opened in Malawi (Winstanley 388 N)
***LKB1* gene** Inactivating germline mutation in Peutz-Jeghers syndrome (Westerman et al 1211)
Lobucavir Chronic hepatitis B treatment (Dusheiko 1032 Com) (1714 correction)
Loewi O (Raju 416)
London School of Hygiene and Tropical Medicine Cancer survival trends (Ozonoff and Clapp 1377 Com) (Sharp 1437)
Long QT syndrome Mutation causing and sensitivity to auditory stimuli (Husten 473 N)
Long-term care Royal commission report in UK (Dean 907 N)
***Lonomia obliqua* (caterpillar)** Haemorrhagic syndrome due to and serine protease role (Reis et al 1942 R)
Loop electrosurgical excision procedure (LEEP) Cervical intraepithelial neoplasia (Cox 857 Com)
Lorazepam Recurrent seizures in alcohol abusers prevented (Ramsay 1160 N)
Lovastatin OTC sales planned in USA (Ault and McMenemy 1339 N); In red-yeast rice supplement and FDA ban lifted by judge (736 N)
Low birthweight Insulin resistance and diabetes association (fetal insulin hypothesis) (Hattersley and Tooke 1789)
Low-back pain Percutaneous electrical nerve stimulation (PENS) (Senior 817 N)
Low-density lipoprotein (LDL) Aflatoxin B_1-induced hepatic steatosis and role of carbonyl compounds and diols (hypothesis) (Amaya-Farfan 747); In Gaucher's disease and effect of enzyme replacement (Cenarro et al 642 R); Peroxidation, HDL protection against and paraoxonase gene polymorphism effect (Mackness et al 468 R)
Low-density lipoprotein (LDL)-cholesterol Familial hypercholesterolaemia treatment with statins (Larkin 215 N)
Low-molecular-weight heparin (LMWH) Deep-vein thrombosis treatment (Lensing et al 482 S) (Malhotra 1708 C); For thromboembolism in pregnancy (Tam et al 932 C); In unstable coronary syndrome (Wallentin 423 Com)
Lower limb ischaemia Critical, spinal cord stimulation (randomised trial) (Klomp et al 1040)
Lumbar puncture Headache incidence reduction method (Lo et al 2038 R)
Lumbar spine Genetic link to disc degeneration (649 N)
Lundberg G AMA agreement negotiated (McCarthy 569 N); Condemnation of sacking and AMA's failure to regain credibility after (Horton 390 N); Sacking as editor-in-chief of *JAMA* (Horton 252 Com) (Minuth 1104 C) (Shiwach 1104 C)
Lung Epithelial damage at low levels of ambient ozone (Broeckaert et al 900 R); Inflammation in organ donors after fatal nontraumatic brain injury (Fisher et al 1412 R); Reduction surgery (Cooper and Lefrak sl26)
Lung cancer Air pollution association (evidence) (Moore 729 N); Biomarkers in sputum (Rizvi and Hayes 1897 Com); Detection by volatile organic compounds in breath (Rizvi and Hayes 1897 Com) (Phillips et al 1930); Non-small-cell and mechanism of palitaxel resistance (Bosch 2044 N); Risk and *CYP2A6* allele association (London et al 898 R) (Idle 2073 C); Small-cell see Small-cell lung carcinoma; Tumorigenesis by ß-carotene supplements (McCarthy 215 N)
Lung damage Teenage smoking causing (Bonn 1333 N)
Lung disease Interstitial, in refractory polymyositis and tacrolimus therapy (Oddis et al 1762 R); Severity in cystic fibrosis and residual chloride secretion correlation (Thomas et al 984 R) (1804 correction)
Lung scan Non-invasive diagnosis of venous thromboembolism (Perrier et al 190) (Roy et al 1446 C)
Lyme test Rapid diagnostic test approved by FDA (736 N)
Lymph node Dissection decision in breast cancer and factors influencing (1246 N); Sentinel node biopsy see Sentinel node biopsy
Lymphocytes Infusions in refractory lymphoma and graft-versus-host disease (Falkenburg and Kluin-Nelemans 1725 Com) (Sykes et al 1755); *See also* T-cells
Lymphoid hyperplasia Somatic cloning and implications (Renard et al 1489)
Lymphoma Graft-versus- and effect of donor leucocytes (848 correction) (Falkenburg and Kluin-Nelemans 1725 Com); Non-Hodgkin's, risk with weedkiller and pesticide exposure (Morris 1071 N); Refractory, mismatched bone marrow transplantation and mixed chimerism induced by non-myeloablative conditioning regimen (Falkenburg and Kluin-Nelemans 1725 Com) (Sykes et al 1755)
Lymphoreticular tissue New variant CJD diagnosis (antemortem) from samples (Petersen 163 Com) (Hill et al 183) (Burdon 1271 C)

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McLellan F (250 L)
Macroprolactinaemia In sustained hyperprolactinaemia in pregnancy and importance of correct diagnosis (case report) (Heaney et al 720)
Macular degeneration Age-related see Age-related macular degeneration (ARMD)
Madagascar Cholera (Duval et al 2068 C)
Magainin-2-amide Contraceptive potential (Sawicki and Mystkowska 464 R)
Magnesium depletion Wernicke's encephalopathy induced by (McLean and Manchip 1768 R)
Magnetic field see Electromagnetic field
Magnetic resonance angiography Three-dimensional for coronary artery assessment (Senior 2217 N)
Magnetic resonance imaging (MRI) Blunt head injury associated with widespread water-diffusion changes measured by diffusion-tensor imaging (DTI) (Wieshmann et al 1242 R); Brain changes predictive of decline in Alzheimer's disease (Larkin 1417 N); Brain structural abnormalities in schizophrenia high risk group (Harrison 3 Com) (Lawrie et al 30); Carotid artery thrombus in acute stroke (Moody et al 122 R); Of cerebral atrophy in preclinical Alzheimer's disease (Fox et al 2125 R); Early recanalisation in acute ischaemic stroke (Jansen et al 2036 R); Entorhinal cortex in mild Alzheimer's disease (Bobinski et al 38 R); Gadolinium-enhanced, predictive value for relapse and disability changes in multiple sclerosis (meta-analysis) (Kappos et al 964); Good-prognosis rheumatoid arthritis and extrasynovial focus implication (McGonagle et al 123 R) (Calin 1185 C) (Emery and Smolen 1186 C); Mapping of neural activity in auditory hallucinations (Lennox et al 644 R); Paediatric, nurse-led sedation service development (Sury et al 1667); Technique for non-invasive assessment of coronary arteries (Senior 2217 N)
Magnetic resonance spectroscopy (MRS) In dementia diagnosis (Rai et al 1063 R)
Maisonneuve H (160 L)
Major histocompatibility complex (MHC) Class II, allergy priming and Th2 cell persistence and type I diabetes (Gray 1187 C); Non-HLA gene associated with psoriasis (Allen et al 1589 R)
Malaria Anaemia prevention in pregnancy by intermittent sulphadoxine-pyrimethamine (randomised trial) (Shulman et al 632); Diagnosis by haemozoin in leucocytes (Lawrence 1852 R); False-positive tests in rheumatoid factor-positive patients (Grobusch et al 297 R); IL-12 and chloroquine treatment (815 N); Low IL-10 concentrations in anaemia (848 correction); Mefloquine prophylaxis and acute fatty liver after (Grieco et al 295 R); Morbidity/mortality disaster prevention (White et al 1965); *Plasmodium falciparum* research to lead to new drug targets (Bradbury 472 N); Promising results from multivalent vaccine (Bradbury 648 N); Prophylaxis safety protocol concerns for Canadian military (Kondro 1507 N); Susceptibility and inducible nitric oxide synthase gene polymorphism (Martin et al 72 C); Symptomless *Plasmodium vivax* infection in native Amazonians (Camargo et al 1415 R); Thiamine deficiency complicating and association with lactic acidosis (Krishna et al 546); Transmission reduction concerns and immunity based on conserved antigens (Morris 815 N); WHO agenda (McMenemy 1688 N); World War II trials revisited (Australia) (Loff and Cordner 1597 N)
Malawi Wellcome Trust research unit opened (Winstanley 388 N)
Malaysia Hendra virus epidemic (Watts 1335 N); Japanese encephalitis outbreak (Watts 1075 N)
Males see Men
Malnutrition Mortality in children with diarrhoea and use of standardised management protocol (Ahmed et al 1919); In North Korea (Swaan and Blok 503 C)
Mammography In Asian patients with *BRCA1* mutations (Chang et al 2070 C); GMC guidelines and evidence-based medicine (Thornton 2249 C); Women aged 40-49 years (randomised trial and follow-up) (Dickersin 1896 Com) (Alexander et al 1903) (UK Trial of Early Detection of Breast Cancer Group 1909); For women starting HRT (Achuthan et al 1855 R); Young women with *BRCA1* mutations (Chang et al 2070 C)
Managed care Healthcare spending changes (US) (Greenberg 387 N)
Manic depression Diagnostic criteria for children (Berman 1771 N); *See also* Bipolar disease; Depression
Mannose-binding lectin Gene variants associated with meningococcal disease susceptibility (Hibberd et al 1049)
Marasmus Ready-to-use therapeutic food for (Briend et al 1767 R)
Marburg virus infection In Democratic Republic of Congo (Ford 1681 N)
Marchiafava-Bignami disease Vomiting causing and recovery after thiamine administration (case report) (Hillbom et al 1584) (Chan 2242 C)
Marijuana see Cannabis
Marimastat Poor trial results for British Biotech (Bradbury 649 N)
Martini P As first clinical pharmacologist? (Shelley and Baur 1870)
Mastectomy Prophylactic, breast-cancer risk reduced by bilateral surgery (Larkin 301 N); regrets expressed by women after (Larkin 301 N)
Maternal mortality Collaborative initiatives to reduce HIV infection and (Graham and Newell 836); Delivery care in Africa and (Derveeuw et al 409 C)
***MBL* pathway** Genetic variants associated with meningococcal disease susceptibility mannose-binding (Hibberd et al 1049)
MCPA (weedkiller) Use linked with risks in pregnancy (Morris 1071 N)
MDMA ("ecstasy") Fatal interaction with ritonavir and (de la Torre et al 593 C) (Schwab et al 593 C); PET findings in users (Holland 592 C) (McCann et al 592 C); Toxic effect on serotonin neurons (Morgan 1268 C) (Reed et al 1268 C) (Klugman et al 1269 C) (Kuikka and Ahonen 1269 C) (Jansen and Forrest 1270 C) (McCann et al 1270 C)
***MDR3* gene** Mutation in familial intrahepatic cholestasis of pregnancy (Jacquemin et al 210 R)
Mean aortic pressure (MAP) New formula for estimations (Chemia et al 1069 R) (Poulliis 2075 C)
Measles Eradication campaign in Americas (Frankel 1424 N); Vaccination and effect of subclinical infection on immunity maintenance (Whittle et al 98)
Measles, mumps and rubella (MMR) vaccine Autism not associated (DeStefano and Chen 1987 Com) (Taylor et al 2026)
Meat Heterocyclic amines in and cancer risk not increased at normal dietary levels (Forman 686 Com) (Augustsson et al 703); *See also* Beef
Mebendazole During pregnancy and effect on birth outcome (de Silva et al 1145)
Medawar P B (Raju 2253)
Médecins Sans Frontières Mental health care for refugees from Kosovo (de Jong et al 1616)
Media Dioxin report implications and anxieties in Japan (Watts 1337 N) (Gough 2163 C); Human BSE tests article (300 N); Interest in medical journals and "medical-media complex" conference (Frankel and Horton 518 Com); Rape statistics and stories in South Africa (Baleta 1340 N); Role in Di Bella affair and lessons from (Remuzzi and Schieppati 1289 Com) (Remuzzi and Schieppati 1290 Com) (Passalacqua et al 1310) (2078 correction); *See also* Television
Medial temporal lobe Involvement of excitatory neurons in schizophrenia (154 correction)
Medicaid Federal government's claim to tobacco industry settlement money waived (Rovner 1862 N); Nursing home bill passed after eviction of patients (Rovner 994 N); Nursing home bill signed by President in US (1166 N); Provisions for those losing cash benefits in welfare reform law not made (1776 N)
Medical audit In NHS (Dean 2219 N)
Medical device Tissue-engineered kidney tried in uraemic animals (Bradbury 1501 N)
Medical editors Concerns over delays in publishing letters posted on Internet WAME website (Grant 1190 C) (Chalmers 1191 C); Statements over *JAMA* sacking and AMA's failure to regain credibility (Horton 390 N)
Medical education In Bosnia and Croatia (Horton 2225); Continuing see Continuing medical education (CME); Drop-out rates in Austria, causes and strategy (Glass 1424 N); Health insurers to pay tax to cover costs of training (US) (Rovner 1166 N); *See also* Medical training
Medical Emergency Relief International (MERLIN) see MERLIN
Medical expert witnesses (Brahams 1380 Com) (English 1422 N) (Irwin 2076 C) (Weintraub 2076 C)
Medical history, Department Albert Einstein's brain (Witelson et al 2149); Bacteria craze of 1880s (Mortimer 581) (Danesh et al 1447 C) (Pennington and McKenzie 1447 C); Operating theatre design (Essex-Lopresti 1007); Paul Martini as first clinical pharmacologist? (Shelley and Baur 1870); Robert Koch and the healthy carrier concept (Mortimer 1354) (Marr 1714 C)
Medical information Debates over copyright and systemic reviews, meta-analyses *vs* narrative reviews (Horton 164 Com)
Medical journals see Medical publications
Medical negligence New rules in UK and fast-track claims (Brahams 1380 Com) (English 1422 N) (Irwin 2076 C) (Weintraub 2076 C)
Medical publications Acronymania (Sharp 1728 Com); Authors and medical writing (Reese 585 Es); Authorship criteria and academic rewards (Marusic and Marusic 1713 C); Bias against European journals in databases (Nieminen and Isohanni 1592 R);

in Bosnia and Croatia (Horton 2225); Concerns over delays in publishing letters posted on WAME website (Grant 1190 C) (Chalmers 1191 C); Editors see Medical editors; Geography in EU (1990-98) (Hefler et al 1856 R); *JAMA* editor-in-chief sacked for "bad judgment" (Horton 252 Com) (Minuth 1104 C) (Shiwach 1104 C); Journal review and publication of research protocols and benefits of electronic publishing (Roy 428 Com) (Chalmers and Altman 490) (Greenwood 1277 C) (Lorenz 1277 C); Moratorium on human cloning research papers suggested (Obermann 1103 C); Papers on industrial pollution and health relationship (Goddard-Hill 1192 C); Politics of medical journalism and "medical-media complex" conference (Frankel and Horton 518 Com); Reactions to E-biomed proposal (1985 E); Reactions to *JAMA* sacking and AMA's failure to regain credibility (Horton 390 N); Shaping of medical knowledge (848 correction); Websites on (Ashraf 156); *See also* Biomedical publications

Medical records Computer-based, advantages and problems (Lane and Hayward 330 C); Electronic, updating of system in Canada (Kondro 568 N)

Medical regulation Criticisms, responses and new professionalism (Irvine 1174)

Medical research In Bosnia and Croatia (Horton 2225); E-biomed proposal for public access to research findings (1985 E); Ethics and re-draft of Declaration of Helsinki (1285 E) (Human 1888 C); Federal funding and data disclosure concerns under Freedom of Information Act (US) (1027 E); FP5 programme and evaluation process (1111 E); Funding boost in Australia (Loff and Cordner 1776 N); Funding under FP5 (Martin 1192 C); General practice (Horton 609 Com); Neonatal and consent issues (685 E) (Tarnow-Mordi 1530 C); NIH funding allocated by burden of disease (Rovner 2220 N); Publication and review of protocols and benefits of electronic publishing (Roy 428 Com) (Chalmers and Altman 490) (Greenwood 1277 C) (Lorenz 1277 C); Safety standards failure by Duke University institutional review board (US) (Greenberg 1773 N); See also Biomedical research; Clinical research; Research

Medical school Drop-out rates in Austria, causes and strategy (Glass 1424 N)

Medical students Affirmative action for increasing numbers from ethnic minorities in US (1 E) (Dawson 847 C) (Sunman 847 C); Blood pressure measurement training (Frankel 1858 N)

Medical training In refugee medicine for postgraduates in Budapest (Agovino 907 N); See also Medical education

Medical waste Problem in Israel (Fishman 654 N)

Medical writing Purposes and restoration of literary quality (Reese 585 Es)

"Medical-media complex" conference Science and politics of medical journalism (Frankel and Horton 518 Com)

Medicare Annual report (Rovner 1250 N); Coverage for disabled persons returning to work in US (2222 N); Fraud and "overpayments" reduced (736 N); Funding crisis for Hospital Insurance Trust Fund not immediate (Rovner 1250 N); Reforms in disagreement and future solvency problems (US) (Greenberg 1075 N)

Medicine Firsts (procedures) in and importance (Gallino and Turino 1804 C); Memories of "good old days" (Matz 596 C); Politics of medical journalism (Frankel and Horton 518 Com); Religion and spirituality connections (Sloan et al 664) (Rabin 1803 C) (Roper 1803 C) (Tucker 1803 C) (Keonig 1804 C); Rise and fall of modern medicine due to "new genetics", social theory and "four-layered paradox" (Kleinert 2092 Com); Sociology of (Chard et al 486) (Chard et al 487) (Corrigan and Luchins 2163 C)

Medicines Control Agency (MCA) Advertising of medicines via Internet version of BMJ reconsidered (Ashraf 2136 N)

Mediterranean diet Effect of wine ethanol on platelets and (de Lorgeril and Salen 1067 R)

Medline For diagnosis of CMV infection in ulcerative colitis (case report) (Schattner et al 462)

Medulloblastoma Neurotropic polyomavirus JC virus association (Khalili et al 1152 R)

Mefloquine Malaria prophylaxis and acute fatty liver after (Grieco et al 295 R)

Megacolon, toxic Hyperbaric oxygen for (Kuroki 70 C) (Welfare et al 70 C)

Melanoma, malignant Interferon α-2b adjuvant therapy decisions (Ascierto and Palmieri 328 C); Of nail apparatus (Spencer 84 Com); Risk linked to high naevi counts in children and sunscreen use (McCarthy 45 N); Severe visual loss after interferon α-2b (Lohmann et al 1326 R)

Melarsoprol In African trypanosomiasis (Barrett 1113 Com)

Melatonin Circadian rhythm mechanism and (Morris 990 N)

Melioidosis Imported in England/Wales (Dance et al 208 R) (Peltroche-Llacsahuanga and Haase 1016 C) (Torrens et al 1016 C)

Meloxicam (Hawkey 309) (Bjarnason 1440 C) (Hawkey 1440 C)

Memory Impairment due to stress (2133 N); Verbal, effect of oestrogens on brain activation in postmenopausal women (Bradbury 1245 N)

Men Breast cancer in and risk of breast cancer in offspring (Storm and Olsen 209 R) (Hemminki and Vaittinen 1186 C); Characteristics of attractiveness for women (Maisey et al 1500 R); Contraceptives for (Bonn 302 N); Mortality after osteoporotic fractures (Center et al 878) (Pande and Pritchard 1707 C)

Menière's disease Misdiagnosis of drop attacks in elderly (Magee 1502 N)

Meningitis Notifications at record level in UK (Moore 816 N)

Meningococcal disease Dynamics of spread and control (Stephens 941 Com); Susceptibility associated with genetic variants of mannose-binding lectin (Hibberd et al 1049)

Meningococcal vaccines Serogroup B and need for strain-specific vaccines (Wunsch 1502 N)

Meningococci Dynamics of carriage, and disease occurrence/control (Stephens 941 Com); Ultrasound-enhanced latex bead technique for identification (Moore 816 N)

Menopause (Greendale et al 571 S); Changes and health in postmenopausal women (conference) (Fishman 1418 N); Definitions/symptoms/syndromes and treatments (Greendale et al 571 S); Oestrogen loss and evolution (Purdie 404 Es); Symptoms, efficacy/acceptability of intranasal 17β-oestradiol for (randomised study) (Studd et al 1574); See also Postmenopausal women

Menorrhagia Choice of treatment (Stirrat 2175 Com); Prevalence, costs and management (Stirrat 2175 Com)

Menstrual migraine Recurrence with tamoxifen (Mathew and Fung 467 R)

Mental competency Of terminally ill patients requesting hastening of death (Larkin 2133 N)

Mental health Care for refugees from Kosovo (de Jong et al 1616); Problems in Kashmir after health care collapse (Kumar 908 N)

Mental health services Intensive *vs* standard case management for psychotic illness (Burns et al 2185)

Mental illness Aftercare and clinical characteristics of patients committing suicide (Appleby et al 1397); In elderly and care for, joint report by Royal Colleges (478 N); Parity for and disparity for mental patients (Al-Adwani 73 c) (Hemmings 73 c) (Joy 73 c) (Szasz 73 C); Psychiatrists' refusal to treat untreatable patients in UK (Ramsay 647 N); Violence by patients, UK statistics (127 N)

Mental retardation In Becker muscular dystrophy associated with absence of Dp140 isoform (Bardoni et al 897 R)

Mercury From dental amalgam not linked to Alzheimer's disease (Larkin 649 N); In hair of crematoria workers (Maloney et al 502 C) (Nielsen and Grandjean 502 C); High levels associated with idiopathic dilated cardiomyopathy (Husten 1594 N)

"Mercy killing" Prosecution case halted in Canada (50 N)

MERIT-HF (Metoprolol CR/XL randomised Intervention Trial in Congestive Heart Failure) (Sharpe 1988 Com) (MERIT-HF Study Group 2001)

MERLIN Interventions in Sierra Leone (Allan 991 N); UN-established gender coordinating unit in Afghanistan (Morris 477 N)

Mesencephalon Blood vessel changes in Parkinson's disease (Faucheux et al 981 R)

Mesenchymal progenitor cells Transplantation in osteogenesis imperfecta (Bradbury 815 N)

Mesenteric embolus (Marston 1875 Es)

Mesial orbitofrontal cerebral lesion After subarachnoid haemorrhage causing behavioural changes (case report) (Cohen et al 34)

Mesorectal excision In colorectal cancer (Hinson and Ambrose 1012 C) (Vaidya and Baum 1714 C)

Mesothelioma Incidence and cause in South Africa (Bonn 1336 N); Predicted increase in deaths in Europe (Bonn 383 N)

Meta-analyses Antihypertensive therapy in very elderly (Gueyffier et al 793) (Oster and Schlierf 2243 C); Conversion of effect size to number needed to treat (Furukawa 1680 R); Glucose-insulin-potassium infusion for myocardial protection (Fath-Ordoubadi and Beatt 1968 C); Narrative reviews *vs* and debates over roles/needs (Horton 164 Com); Nucleoside analogues (two) in AIDS treatment (Weidle et al 1989 Com) (HIV Trialists Collaborative Group 2014); Predictive value of gadolinium-enhanced MRI for relapse and disability changes in multiple sclerosis (Kappos et al 964); Total parenteral nutrition in critically ill (Birmingham 1116 Com)

Metabolic acidosis Urinary diversion associated (Mundy 1813 Com)

Metabolic alkalosis Hypokalaemic, in atypical cystic fibrosis (case report) (Johnson et al 1492)

Metabolism Role of local renin-angiotensin systems and ACE gene polymorphisms (Montgomery et al 541) (Beech 1884 C)

Metal-transporters DMT-1 and NRAMP-2 expression in haemochromatosis and increased iron absorption (Anderson and Powell 2089 Com) (Zoller et al 2120)

Metallo-β-lactamase IMP-1 enzyme in isolate from Europe (Cornaglia et al 899 R)

Metals Chelation in prion diseases (Senior 1502 N)

Methadone LAAM approved as alternative for opiate addicts in Spain (Bosch 1252 N); Maintenance treatment in opioid dependence (Ward et al 221 S) (Torrens et al 1101 C) (Macleod 1278 C); Risks and illicit use (Ward et al 222 S)

Methanol/acetone treatment For PCR amplification of CGG repeat fragment of *FMP1* gene (Hong et al 1153 R)

Methionine Homozygosity at prion gene codon 129 and sporadic inclusion-body myositis (Lampe et al 465 R)

Methotrexate Laparoscopic salpingostomy *vs* in tubal pregnancy and fertility outcome (Dias Pereira et al 724 R)

N-Methyl-D-aspartate (NMDA) *see* NMDA

Methylenetetrahydrofolate reductase (MTHFR) *see* MTHFR

7α-Methyl-19-nortestosterone (MENT) Male contraceptive trial (Bonn 302 N)

Meticillin-resistant *Staphylococcus aureus* (MRSA) Antibacterial activity of hyperforin from St John's wort (Schempp et al 2129 R); Heterogeneous resistance to vancomycin in and vancomycin use in surgical infections (Ariza et al 1587 R)

Metoprolol In chronic heart failure (randomised trial) (Sharpe 1988 Com) (MERIT-HF Study Group 2001)

Metoprolol CR/XL randomised Intervention Trial in Congestive Heart Failure (MERIT-HF) (Sharpe 1988 Com) (MERIT-HF Study Group 2001)

Meunier F (1984 L)

Microalbuminuria Intensive management in diabetes mellitus of benefit (Gerstein 606 Com) (Gaede et al 617); Pre-pregnancy and prediction of pre-eclampsia in IDDM (Ekbom et al 377 R)

Microbiology History (Mortimer 581) (Danesh et al 1447 C) (Pennington and McKenzie 1447 C) (Marr 1714 C)

Microchimerism In fetus and autoimmune diseases linked (1417 N)

Micro-organisms Molecular identification by intuitive hypertext-based method (Harmsen et al 291 R); *See also* Bacteria

Midazolam Buccal administration *vs* rectal diazepam for seizure treatment in children/adolescents (randomised trial) (Holmes 608 Com) (Scott et al 623) (Ellis and Baddely 1796 C) (Scheepers et al 1797 C) (Scott et al 1797 C) (Chattopadhyay et al 1798 C)

Midwives Postnatal care by (MacArthur 343 Com) (Lazarus et al 1532 C)

Mifepristone Lower doses effective for emergency contraception (randomised trial) (Task Force on Postovulatory Methods of Fertility Regulation 697)

Mig (chemokine) High concentrations in multiple sclerosis (Wunsch 989 N)

Migraine With aura associated with patent foramen ovale (Simini 1683 N); Feverfew prophylaxis and conflicting results (Morris 731 N); Lewis Carroll's experiences (Podoll and Robinson 1366 C); Menstrual, recurrence with tamoxifen (Mathew and Fung 467 R); Soranus of Ephesus' knowledge of early detection (Blau 678 C)

Migrational medicine Postgraduate training in Budapest (Agovino 907 N)

Military personnel AIDS in India (1508 N); Health after Gulf War service (Straus 162 Com) (Unwin et al 169) (Ismail et al 179) (Ferguson 1182 C) (Roff 1182 C) (Unwin et al 1182 C) (Holdstock and Stott 1183 C) (Hunt et al 1183 C); Health effects of nuclear testing (survey) (Tattam 299 N); Malaria prophylaxis safety protocol concerns for Canadians (Kondro 1507 N); Punished in US for refusing anthrax vaccination (Morris 130 N)

Milk Intolerance in cats (Swinburne 74 C); Safety controversy after recombinant bovine somatotropin and IGF-1 use (Morris 306 N)

Millennium Junior doctors' possible strike in Ireland (1340 N)

"Millennium bug" (Y2K) Realism over problems and preparation (Ferry 1162 N); Spanish health service preparations (Bosch 1338 N)

Minamata disease Compensation claim to be re-investigated (Japan) (Watts 387 N)

Mineralocorticoid hypertension (Stewart 1341 S); Causes/monogenic forms and diagnosis (Stewart 1341 S)

Mineralocorticoids Apparent excess and mineralocorticoid hypertension (Stewart 1344 S); Secretion and actions (Stewart 1341 S)

Minidose Warfarin in Nonrheumatic Atrial Fibrillation study (Lip 4 Com) (1978 correction)

Minimal access surgery Cuschieri, A as pioneer of (Morris 474 N)
Minimally invasive surgery Future directions (Rattner sl12)
Minot G R (Raju 247)
Mirror Use for rehabilitation of hemiparesis after stroke (Altschuler et al 2035 R)
Misoprostol Vascular disruptive syndrome after exposure (Los et al 843 C)
Mitochondrial DNA 16189 variant related to thinness at birth and type 2 diabetes (Casteels et al 1499 R); Abnormalities in hypertrophic cardiomyopathy (Odawara and Yamashita 150 C)
Mitochondrial myopathy Notexin (from snake venom) therapy trial (Senior 1946 N)
Mitogen-activated protein kinases (MAP kinases) Cardiac hypertrophy signalling pathway (Force et al 1290 Com)
Mitsuda reaction In leprosy (Braverman 168 Com)
Modafinil FDA approval for use in narcolepsy (Ault 131 N)
Molluscum contagiosum Topical cidofovir (Davies et al 2042 R)
Molybdenum cofactor deficiency Diagnosis (Simmonds et al 675 C) (Waring and Maxwell 675 C)
MONICA project Coronary heart disease survival and mortality trends (Alpert 1540 Com) (Tunstall-Pedoe et al 1547)
Moniz A E (Raju 1281)
Monkeys Hypoglossal canal size and speech capacity (Larkin 649 N)
Monoamine oxidase Genes and association with Norrie disease gene locus in narcolepsy (Koch et al 645 R)
Monoamine oxidase inhibitor Phentermine as and increased plasma serotonin with given with fenfluramines (Maher et al 38 R) (Maher et al 1362 C) (Rothman 1362 C); Phentermine not considered as (Maher et al 1362 C) (Rothman 1362 C)
Monochloramine Disinfection of drinking water and effect on Legionnaires' disease risk (Kool et al 272)
Monoclonal antibody Anti-IgE for allergy therapy (Morris 1682 N); To TNFα, for fistula closure in Crohn's disease (McCarthy 1683 N)
Mononucleosis Depression link disproved (Senior 214 N)
Monozygotic twins Differences between twins and (Gringras 562 R) (Stevenson 1359 C)
Montelukast Pharmacology/efficacy/adverse effects/drug interactions and allergic rhinitis (Lipworth 57)
Moor D GP not guilty of murdering patient in UK (1686 N)
Morgan T H (Raju 157)
Morphine Availability difficulties in India (Desai 677 C) (Ghooi et al 677 C); Overdose trial and UK doctors acquitted (Ashraf 1508 N); Pain management (Mcquay 2231); Unrestricted trading in South Africa (Baleta 2049 N)
Mortality Children in North Korea (Swaan and Blok 503 C); Infectious disease (Kapp 2222 N); Rates in Russia (337 E); *See also* Infant mortality; Maternal mortality; *specific diseases*
Mothering skills Health in infancy and (Thousand Families study) (Parker et al 1151 R)
Mothers Relationship with infant and control of breast-feeding frequency (Manz et al 1152 R); *See also* Parents
Motor cortex Stimulation for phantom limb pain relief (Saitoh et al 212 R)
Motor learning Difficulties in dyslexia associated with abnormal cerebellar activation (Nicolson et al 1662)
Mouse model For hepatitis B ("Trimera" mouse) (Fishman 648 N)
Mozambique Health charges as condition for debt relief (Logie et al 2077 C)
MTHFR Stabilisation and activation by folate (Ramsay 1247 N)
***MTHFR* gene polymorphisms** Diabetic nephropathy in type 1 diabetes (Smyth et al 1156 R)
Mucolytics Comparison with recombinant human DNase (rhDNase) in cystic fibrosis (Geddes and Shah 1727 Com)
Muller H J (Raju 1023)
Müller P H (Raju 1196) (2078 correction)
Multicenter Unsustained Tachycardia Trial (MUSTT) Implantable cardiac defibrillator (ICD) *vs* antiarrhythmic drugs (Husten 903 N)
Multicentre clinical trials Difficulties in administration/implementation (Cornu 63) (Druml and Eichler 929 C) (Garattini and Bertele 930 C)
Multicentre Post-Infarction Program (MPIP) Follow-up and heart rate turbulence after as predictor of mortality after myocardial infarction (Macfarlane 1377 Com) (Schmidt et al 1390)
Multidrug resistance Enteric gram-negative bacilli causing increase in sepsis (Duke and Michael 2210 R); Malaria and prevention (White et al 1965); Tuberculosis, global threat (Gleissberg 998)
Multi-organ failure After liposuction in Italy (Simini 1164 N)
Multiple myeloma Non-secretory presenting with disorientation and vertebral fractures (case report) (McConnaughey et al 1848); Treatment (Gahrton 85 Com)
Multiple Outcomes of Raloxifene Evaluation (MORE) trial Breast cancer risk reduction by raloxifene (Senior 2131 N)
Multiple sclerosis Activation-induced T cell death increased by interferon-β_{1b} and benefits (Kaser et al 1413 R); Clinical trials of therapeutic agents and premature stopping (Rudge 1033 Com) (Kappos 2242 C) (Rudge 2242 C); European approval of Copaxone (1948 N); High chemokine concentrations (Wunsch 989 N); Inpatient rehabilitation of benefit (Senior 301 N); Predictive value of gadolinium-enhanced MRI for relapse and disability changes (meta-analysis) (Kappos et al 964); Relapsing/remitting, interferon ß-1a and ß-1b (PRISMS and European trials) (Herndon 494 C) (Johnson and Panitch 494 C) (Galazka 495 C) (Goodin 495 C) (Forbes and Swingler 496 C) (O'Connor 496 C) (Ebers et al 497 C) (Goodkin 498 C) (678 correction) (Compston 1710 C); Secondary progressive, interferon beta-1b (Betaferon) licence extension (478 N); Treatment provisions in UK (Compston 1710 C)
Multiple system atrophy Clonidine growth hormone stimulation test (Clarke et al 1329 R)
Murphy W P (Raju 247)
Muscle Infarction in diabetic presenting with fever, swelling and leucocytosis mimicking infection (case report) (Sagar et al 116) (Willenberg et al 1527 C); Strengthening, failure by androstenedione (body-building supplement) (Birchard 1943 N)
Muscle pain After exercise due to rhabdomyolysis secondary to hypokalaemia (case report) (Nielsen and Mazzone 1062)
Muscle weakness Hypovitaminosis D due to fat malabsorption after small bowel resection (case report) (Mingrone et al 806)
Muscular dystrophy Cognitive impairment associated with absence of Dp140 isoform in Becker muscular dystrophy (Bardoni et al 897 R); Congenital merosin-deficient and limitation of eye movement (Philpot and Muntoni 297 R); Prenatal diagnosis possibility by forced myogenesis with adenoviral MyoD-vector (Roest et al 727 R)
Musicians Constraint-induced movement therapy for focal hand dystonia (Candia et al 42 R) (Grindea 1273 C); Physical disorders (Grindea 1273 C)
Mwanza study AIDS-prevention study (Tanzania) see Tanzania
Mycobacterium tuberculosis Downregulation of IgE (Adams et al 2030); Drug resistance (Kato-Maeda et al 1709 C); Drug-resistance in prisons (Coninx et al 969) (Coninx et al 2244 C) (Trébucq 2244 C); Molecular typing (Behr et al 444) (Bonora et al 1442 C) (1714 correction); Sequencing and TB vaccine development (Pym and Cole 1004); Transmission by smear-negative (acid-fast bacilli) patients (Godfrey-Faussett 427 Com) (Behr et al 444) (Bonora et al 1442 C) (Kato-Maeda et al 1709 C) (1714 correction)
Mycobacterium ulcerans Transmission by insect (Portaels et al 986 R); Virulence factor identified (Bradbury 471 N)
Mycolactone As virulence factor from *Mycobacterium ulcerans* (Bradbury 471 N)
Myelopathy HTLV-1 associated (Manns et al 1954 S)
Myoblast transplantation In Duchenne muscular dystrophy (Zalaudek et al 1975 C)
Myocardial infarction *Chlamydia pneumoniae* link uncertain (Senior 1160 N); Coffee drinking not associated (Wehrwein 384 N); Endothelin role and endothelin receptor antagonist therapy (Benigni and Remuzzi 135); First-time acute, bacterial infection link (Senior 472 N); Fish-oil supplements effective in preventing recurrence (Husten 988 N); Glucose-insulin-potassium infusion treatment (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C); Low coronary calcium levels associated (Doherty et al 41 R); Management (Cohen 498 C) (Robin and McCauley 498 C); Mortality prediction from sinus rhythm analysis (Macfarlane 1377 Com) (Schmidt et al 1390); Mortality reduction with α-tocopherol in CHAOS trial (Mitchinson et al 381 R) (Mitchinson et al 1018 C) (Ness and Smith 1018 C); Mortality reduction after by light-to-moderate alcohol consumption (Bucher 1272 C) (Bujanda et al 1272 C) (Gaziano and Muntwyler 1273 C); Outcome prediction by ECGs (Husten 730 N); Outcome prediction from heart rate variability (Macfarlane 1377 Com) (Schmidt et al 1390); Protective effect of tea (Wehrwein 384 N); Risk assessment by QT dispersion (Macfarlane 1377 Com); Risk and glycoprotein Ia/IIa receptor polymorphisms (Moshfegh et al 351); Risk increased with transient use of cocaine (Wunsch 1943 N); Risk reduced by low-dose aspirin before carotid endarterectomy (randomised trial) (van Gijn 2172 Com) (Taylor et al 2179); Underuse of ß-blockers and thrombolytic agents in elderly (Gollub 940 Com) (Barakat et al 955); Without ST elevation, hirudin *vs* heparin (randomised trial) (Wallentin 423 Com) (Organisation to Assess Strategies for Ischemic Syndromes (OASIS-2) Investigators 429); *See also* Coronary syndromes, acute
Myocardial protection Glucose-insulin-potassium infusion (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C)
Myocardial revascularisation Laser therapy not cost-effective in refractory angina (randomised trial) (Prêtre and Turina 512 Com) (Schofield et al 519) (Horvath and Kadipasaoglu 1704 C) (McMurray 1704 C) (Lansing 1705 C) (Moosdorf 1705 C) (Hetzer and Krabatsch 1706 C) (Schofield et al 1706 C) (1714 correction)
Myocardium Ischaemic, protection by glucose-insulin-potassium infusion (Opie 768 Com) (Fath-Ordoubadi and Beatt 1968 C) (Swaminathan 1968 C)
MyoD-induced myogenesis For prenatal diagnosis of muscular dystrophy (Roest et al 727 R)
Myogenesis MyoD-induced for prenatal diagnosis of muscular dystrophy (Roest et al 727 R)
Myometrial contractions Reduced levels of 5ß-dihydroprogesterone associated (Thornton et al 1327 R)
Myopia Increased prevalence associated with light exposure during sleep in infancy (1682 N); Surgical implant backed by FDA (Ault 300 N)
Myositis Sporadic inclusion-body see Inclusion-body myositis

N

Nabilone (cannabinoid analogue) Analgesic effect independent of opioid receptors (Hamann and di Vadi 560 R)
Naevi High counts linked to sunscreen use (McCarthy 45 N)
Nail Longitudinal pigmented band as presenting feature of melanoma (Spencer 84 Com)
Nail-apparatus melanoma (Spencer 84 Com)
Naltrexone New alcohol dependency treatment (Bonn 213 N)
Naratriptan Headache after frequent use (Limmroth et al 378 R) (Limmroth et al 1363 C) (Mathew 1363 C) (Minton and Sawyer 1363 C)
Narcolepsy New drug (Modafinil) approved by FDA (Ault 131 N); Norrie disease gene locus in and monoamine oxidase gene association (Koch et al 645 R)
Narrative reviews Systematic reviews *vs* and debates over roles/needs (Horton 164 Com)
Nasal continuous positive airway pressure For sleep apnoea treatment (randomised trial) (Polo 2086 Com) (Jenkinson et al 2100)
National Breast Cancer Coalition High-dose chemotherapy for breast cancer (1633 E)
National Cancer Institute (NCI) High-dose chemotherapy for breast cancer (1633 E); Research in ethnic groups (765 E)
National Health Service (NHS) Attempts by ministers to limit junior doctors' working hours (Dean 1685 N); "Bristol case" inquiry see "Bristol case" surgeons; Concerns over Y2K compliance of computer system (Ferry 1162 N); Conservative U-turn over policy (Dean 1505 N); Costs and misleading government information (Kernick 413 C); Direct helpline launched see NHS Direct; Funding problems despite increased expenditure on (Dean 1505 N); Medical audit and statistics on death rates after surgery (Dean 2219 N); National Institute for Clinical Excellence (NICE) approach to new drugs/devices (Dean 651 N); Patient expectations from doctors and NHS (Clark 1594 N); Performance of doctors, the new professionalism (based on Henry Cohen Lecture) (Irvine 1174); Primary care groups (PCGs) introduction and implications (Dean 1163 N); Quality of care and role of NICE (Horton 1028 Com) (Rawlins 1079) (Goodman 1887 C) (Proctor 1887 C); Role and education of doctors in delivery of health care (Chantler 1178); Sildenafil (Viagra) use restricted (Mitchell 1687 N); Winter emergency-care crisis caused by influenza and difficult new year (Dean 129 N)
National Health Service (NHS) Direct see NHS Direct
National Heart Forum Decline in coronary heart disease trends in UK (McMenemy 1598 N)
National Institute for Clinical Excellence (NICE) (Horton 1028 Com) (Rawlins 1079) (Goodman 1887 C) (Proctor 1887 C); New approach to clinical guidelines and drug-rationing (UK) (Dean 651 N); Prescribing of "less suitable" drugs (Mehta 154 C); Principles, aims and opportunities to improve quality of NHS care (Horton 1028 Com) (Rawlins 1079) (Goodman 1887 C) (Proctor 1887 C)
National Institute of Environmental Health Sciences Report on weak link between cancer and magnetic fields (Bonn 2217 N)
National Institutes of Health (NIH) Budget increase (1998/99) (Greenberg 1421 N); Budget increase (1998/99) and spending plans (Greenberg 47 N);

Dietary supplements database on Internet (127 N); E-biomed proposal (1985 E); Funding allocated by burden of disease (Rovner 2220 N); Office of Protection from Research Risks (OPRR)'s power increase and research programmes halted (Ault 2138 N); Stem-cell research to be funded (Ault 390 N)
National Library of Medicine (NLM) Visible Human Project (Rowe 46 N)
National Research Development Council (NRDC) Antibiotic drug patents and licences (1721 E)
National Schizophrenia Society (NSS) Drug-rationing concerns (Dean 651 N)
National Science Foundation (NSF) Small budget increase in relation to biomedical sciences (Greenberg 1421 N)
National Screening Committee (NSC) Future of screening debated (UK) (Ramsay 1076 N)
National Surgical Adjuvant Breast and Bowel Project B-17 trial Lumpectomy and radiotherapy in ductal carcinoma in situ (Wilcken 1986 Com)
National Surgical Adjuvant Breast and Bowel Project B-24 trial Tamoxifen in treatment of intraductal breast cancer (Wilcken 1986 Com) (Fisher et al 1993)
NATO Air bombardment of Serbia and Kosovo's refugees (1199 E) (Baur 2077 C) (Evans 2077 C) (Vassilouthis et al 2077 C); Effect of bombing in Balkans (Podmore 2249 C)
Natriuretic peptide B-type (BNP), validation of aminoterminal BNP assays (Yandle et al 1068 R)
Nausea and vomiting After chemotherapy and stem-cell transplant and octreotide for (Nordesjö-Haglund et al 846 C)
Neanderthals Speech capacity and development (Larkin 649 N)
Necropsy Virtual (website) (Larkin 417)
Needle biopsy Surgery vs in breast biopsy sampling (Senior 1595 N)
Needle diathermy excision Of transformation zone in cervical intraepithelial neoplasia treatment (Basu et al 1852 R)
Needle exchange Abandoned in US (Morris 49 N) (Bellm 930 C); Programmes are not answer and concerns over discarded needles (Bellm 930 C)
Nefazodone Psychotherapy with and efficacy in depression (Berman 1858 N)
Negative affectivity Dizziness association (Moss-Morris and Petrie 515 Com) (Sudo and Tashiro 2069 C) (Yardley et al 2069 C)
Neonatal severe hyperparathyroidism Calcium-sensing receptor (CaR) gene mutations associated (Pearce 83 Com)
Neonates Circumcision (Fischbacher 669 C) (Dalton 670 C) (Van Howe and Cold 670 C); Effects of asthma in pregnancy and (Schatz 1202 Com); Feasibility of screening for toxoplasmosis (Lebech et al 1834) (Lynfield et al 1899 Com); Primary persistent autoimmune disorder (Bergman et al 124 R); Research into illnesses, continuous negative extrathoracic pressure (CNEP) trial and informed consent issues (685 E) (Tarnow-Mordi 1530 C); Seizures after use of pyridoxine in pregnancy (South 1940 R); Sepsis and IL-1ra and IL-6 concentrations (Önal et al 239 C) (Mehr and Doyle 1798 C) (Önal et al 1798 C); Tobacco metabolites in urine and cancer implications (Senior 905 N); *See also* Premature infants
Neostigmine Acute colonic pseudo-obstruction treatment (McCarthy 1944 N)
Nepal *Jhum-jhum* (syndrome) and neuropsychiatric symptoms (Kohrt and Schreiber 1070 R) (Basnyat et al 2074 C) (Schreiber 2074 C); Tobacco advertising banned (569 N)
Nephropathy Contrast-induced, prophylaxis (Oliveira 1638 Com)
Nerve blocks Chronic pain management (Ashburn and Staats 1868)
Netherlands Coeliac disease incidence increased in children (Csizmadia et al 813 R); Legionnaires' disease outbreak (Morris 1250 N); Periconceptual folic acid supplement intake (Bekkers and Eskes 292 R) (de Walle et al 1187 C); Signs/symptoms among carriers of Becker and Duchenne muscular dystrophies (Hoogerwaard et al 2116)
Neuberger J (1894 L)
Neural transplantation For neurodegenerative disorders (Borlongan et al sI29)
Neuralgia Postherpetic, prevention (Dworkin 1636 Com)
Neuraminidase inhibitor Influenza treatment by zanamivir (Fleming 668 C) (Read 668 C) (Silagy et al 669 C)
Neurasthenia Features and fibromyalgia concept (Quintner and Cohen 1092)
Neurobehavioural sequelae Of cardiopulmonary bypass (Selnes et al 1601 S)
Neuroblastoma Incidence in infants and disease patterns (Bessho 70 C)
Neurocognitive function In adolescents born very preterm (Stewart et al 1653)
Neurodegenerative disorders Neural transplantation (Borlongan et al sI29)
Neurodevelopmental disorders Mechanism of drug-induced damage during pregnancy (Bradbury 126 N)
Neurofibrillary tangles In "preclinical" Alzheimer's disease (Larkin 817 N)
Neurofibromatoses Nf1 and Nf2 differences and management (Huson 1114 Com) (1366 correction)
Neuroimaging Schizophrenia (Schultz and Andreasen 1426 S)
Neurological complications Heparin-induced thrombocytopenia (Pohl et al 1678 R)
Neuropathic pain Aetiology/symptoms/mechanisms and management (Woolf and Mannion 1959)
Neuropsychiatric symptoms In *Jhum-jhum* (syndrome) in Nepal (Kohrt and Schreiber 1070 R) (Basnyat et al 2074 C) (Schreiber 2074 C)
Neuroscience Websites (Larkin 246)
Neurosurgery Awake-brain surgery and craniotomies (Larkin 1772 N)
Neutrophils Damage to surfactant-specific proteins in ARDS (Baker et al 1232)
New Zealand Cervical smear test results re-examined (Coney 1775 N); Chest physiotherapy practices examined (654 N); Deaths linked to third-generation contraceptives (Coney 389 N); Sexual health services, funding authority decision and sexual health specialists (Coney 733 N); Venous thromboembolism risk warning from third-generation oral contraceptives (909 N)
NHS Direct Expansion of system (Bradbury 1247 N); New targets (1424 N)
Nicaragua Health care (Adler 413 C)
NICE see National Institute for Clinical Excellence (NICE)
Nicotine Withdrawal causing attention impairment (Morris 1419 N)
Nicotine patches Buproprion in and smoking cessation (905 N)
Nigerians Deportee from Austria asphyxiated on plane (Glass 1686 N)
Nightingale, Florence As nursing model may be changed (Dean 1685 N)
Nimesulide (Hawkey 309); Fulminant hepatic failure after (McCormick et al 40 R) (Villa 846 C) (Figueras et al 1447 C) (Weerasuriya 2161 C)
Nipah New Hendra-like virus in Malaysia (Watts 1335 N)
Nitrate tolerance Pathogenesis and therapy/avoidance strategies for (Glasser 1545 Com)
Nitrates In acute coronary syndrome (Verheugt sII20)
Nitrendipine Vascular dementia prevention trial (Syst-Eur) (Pahor et al 235 C) (Zuccalà et al 235 C) (Forette et al 236 C) (Leys and Pasquier 236 C) (Kario and Pickering 1184 C)
Nitric oxide (Benjamin 256 Com); Actions in brain and effect of NOS inhibitors on headaches (Benjamin 256 Com) (Ashina et al 287); Antithrombotic effects of red wine mediated by and mechanism of French paradox (Simini 1944 N); Inhaled, response difference in children associated with ABO blood group (McFadzean et al 1414 R); Role in variceal bleeding (Goulis et al 140)
Nitric oxide synthase Inducible, *NOS2* gene polymorphism and Chagas' disease susceptibility (Martin et al 72 C); Inhibitors and relief of chronic pain and tension headaches (randomised trial) (Benjamin 256 Com) (Ashina et al 287)
Nitrogen Haemodialysis management (Mallick and Gokal 739 S)
Nitrosamines *CYP2A6* polymorphism and (Idle 2073 C)
Nitrous oxide Spastic paraparesis after owing to vitamin B12 deficiency (case report) (Lee et al 554) (Anders and Dearlove 1446 C) (Mayall 1529 C)
Nitschke P Euthanasia clinic planned in Australia (1424 N)
NMDA receptors Antagonists for acute pain (Carr and Goudas 2056); Blockade by drugs taken during pregnancy and brain damage of fetus (Bradbury 126 N)
L-NMMA Relief of chronic pain and tension headaches (randomised trial) (Benjamin 256 Com) (Ashina et al 287)
Nobel Chronicles Adrian E D (Raju 76); Beadle G W (Raju 2082); Bovet D (Raju 1981); Burnet F M (Raju 2253); Chain E B (Raju 936); Cori C F (Raju 1108); Cori G T R (Raju 1108); Cournand A F (Raju 1891); Dale H H (Raju 416); Dam H C P (Raju 761); Doisy E A (Raju 761); Domagk G (Raju 681); Enders J F (Raju 1716); Erlanger J (Raju 851); Fleming A (Raju 936); Florey H W (Raju 936); Gasser H S (Raju 851); Hench P S (Raju 1370); Hess W R (Raju 1281); Heymans C J F (Raju 598); Houssay B A (Raju 1108); Kendall E C (Raju 1370); Kornberg A (Raju 2166); Krebs H A (Raju 1628); Lawrie E (Raju 2082); Lederberg J (Raju 2082); Lipmann F A (Raju 1628); Loewi O (Raju 416); Medawar P B (Raju 2253); Minot G R (Raju 247); Moniz A E (Raju 1281); Morgan T H (Raju 157); Muller H J (Raju 1023); Müller P H (Raju 1196) (2078 correction); Murphy W P (Raju 247); Ochao S (Raju 2166); Reichstein T (Raju 1370); Richards D W Jr (Raju 1891); Robbins F C (Raju 1716); Sherrington C S (Raju 76); Spemann H (Raju 332); Theiler M (Raju 1450); Theorell A H T (Raju 1807); Von Szent-Györgyi A (Raju 508); Waksman S A (Raju 1536); Weller T H (Raju 1716); Whipple G H (Raju 247)
Nociception Acute pain (Carr and Goudas 2052)
***NOEY2* gene** Role in ovarian cancer development (Bonn 127 N)
Noise Industrial chemicals synergistic effect on hearing loss risk (Forge 1250 N)
Noise pollution Loud snoring and harmful effects (Larkin 989 N)
Non-alcoholic steatohepatitis Diagnosis, prevalence, features and abnormalities associated (James and Day 1634 Com) (James and Day 1635 Com) (Saibara et al 1802 C); As disease of affluence (James and Day 1635 Com)
Non-governmental development organisations (NGD) Ivermectin distribution for onchocerciasis (Katabarwa et al 757 C)
Non-smokers Dopamine transporter gene (*SLC6A3*) allele 9 association (Senior 384 N)
Non-steroidal anti-inflammatory drugs (NSAIDs) For acute pain (Carr and Goudas 2054); Cancer pain management (Portenoy and Lesage 1699); Chronic pain management (Ashburn and Staats 1866); COX-2 inhibitors see COX-2 inhibitors; Hepatic reactions (McCormick et al 40 R) (Villa 846 C) (Figueras et al 1447 C) (Weerasuriya 2161 C); Nitric oxide (NO-NSAIDs) (Hawkey 312); Pain relief in terminal cancer and WHO guidelines (Bonn 1419 N)
Nordic ICD pilot study Premature cessation and results and implications full study (Thomsen et al 2130 R)
Norrie disease Gene in narcolepsy and monoamine oxidase gene association (Koch et al 645 R)
North Korea Government denial of starvation in people (Watts 908 N); Potatoes campaign to aid famine (1864 N); Privation and injustice (Swaan and Blok 503 C); Starvation deaths (Watts 1773 N)
Northern Ireland Abortion availability issue (Birchard 131 N); Human rights violations and new Human Rights Commission (Birchard 450 N); Joint medical services with Republic of Ireland to be developed (Birchard 478 N)
***NOS2* gene** Polymorphism and Chagas' disease susceptibility (Martin et al 72 C)
Notch signalling Presenilin role and risks associated with presenilin inhibitors in Alzheimer's disease (Larkin 1245 N)
Notexin From snake venom and therapeutic actions (Senior 1946 N)
Novartis Sandimmun Neoral advertising and timing of generic cyclosporin approval (Jewitt-Harris 595 C) (Neild 595 C)
Novartis Foundation meeting *Plasmodium falciparum* and malaria research (Bradbury 472 N)
NovoSeven Costs in Switzerland (McGregor 910 N)
NRAMP-2 Expression in haemochromatosis and increased iron absorption (Anderson and Powell 2089 Com) (Zoller et al 2120)
Nuclear factor of activated T cells (NF-ATs) Calcineurin action (Force et al 1290 Com)
Nuclear industry Childhood cancer risk not increased by paternal employment in (Bonn 1944 N)
Nuclear testing Health effects (survey) and official inquiries in UK and Australia (Tattam 299 N)
Nuclear transfer Somatic cloning and lymphoid hyperplasia after (Renard et al 1489)
Nucleoside reverse transcriptase inhibitors (NRTIs) Lactic acidosis due to and riboflavin treatment (Luzzati et al 901 R)
Number needed to treat (NNT) Effect size conversion in meta-analyses (Furukawa 1680 R); And number needed to harm (NNH), randomised trials (Mant 743)
Nurses Florence Nightingale as nursing model may be stopped (Dean 1685 N); Inconsistent advice provided in telephone-triage systems and doubts on use (Mitchell 1247 N); Sedation service for paediatric MRI (Sury et al 1667); Transplant, shortage in Ireland and possible closure of liver transplant unit (305 N)
Nurses' Health Study Dietary fibre and colorectal cancer link disputed (Wunsch 385 N)
Nursing homes US bill passed allowing care for Medicaid patients (Rovner 994 N); US bill signed by President allowing care for Medicaid patients (1166 N)
Nutrition Inadequacy in hospitals and ill health in elderly after (Bonn 1945 N)
Nutritional disorders CAPD complication (Gokal and Mallick 825 S)

O

OASIS (home-care surveillance scheme) Postponed after protests (US) (Mitchell 1423 N)
OASIS registry (Verheugt sII17)
OASIS-2 Hirudin vs heparin in unstable coronary artery

disease (Wallentin 423 Com) (Organisation to Assess Strategies for Ischemic Syndromes (OASIS-2) Investigators 429)
Obesity β_2-Adrenoceptor gene polymorphism and counterbalance by physical activity (Meirhaeghe et al 896 R) (Sakane et al 1976 C); In children and body-mass index (Voss and Mulligan 413 C) (Cole et al 1188 C) (Voss and Mulligan 2070 C); Clinical management and anti-obesity drug use criteria (214 N); In Kuwait (Kandela 1249 N)
Obsessive-compulsive disorder Computer-based voice-activated telephone system (BTSTEPS) for (Mitchell 2046 N)
Obstetrics Thrombophilia carriers predisposed to complications (Morris 214 N)
Obstructive sleep apnoea Continuous positive airway pressure treatment (randomised trial) (Polo 2086 Com) (Jenkinson et al 2100); COPD with, respiratory failure presenting with dementia and snoring (case report) (Steiner et al 204); Worsening by edentulism (Bucca et al 121 R)
Occipital bone Avulsion as airbag-specific injury (Hansen et al 1409 R)
Occupational diseases Asbestos-related, in South Africa (Bonn 1336 N); Asthma, Europe and industrialised countries (Kogevinas et al 1750); Mercury in hair of crematoria workers (Maloney et al 502 C) (Nielsen and Grandjean 502 C); Mesothelioma and asbestos use (Bonn 383 N)
Occupational risks Hearing loss and synergistic effects of industrial chemicals and noise (Forge 1250 N); Of HIV-1, from toxic epidermal necrolysis in HIV-1 infection and (Descamps et al 1855 R); Organic solvent use in pregnancy (Mitchell 1071 N)
Ochao S (Raju 2166)
Octreotide For nausea and vomiting after chemotherapy and stem-cell transplant (Nordesjö-Haglund et al 846 C)
Odent M (764 L)
Oedema In heart failure and role of endotoxin (Mann 1812 Com) (Niebauer et al 1838)
Oesophageal cancer Gastro-oesophageal reflux association (Bonn 1072 N)
Oesophageal varices Prevention of bleeding by endoscopic ligation *vs* β-blockers (Ramsay 1247 N)
Oestradiol Intranasal, efficacy/acceptability for menopausal symptoms (randomised study) (Studd et al 1574); Raised levels after drinking female urine and gynaecomastia (case report) (Vierhapper and Nowotny 640)
Oestrogen Brain activation in postmenopausal women (Bradbury 1245 N); Loss at menopause and evolution (Purdie 404 Es); Low-potency (oral) and increased risk of endometrial cancer (case-control study) (Weiderpass et al 1824); Menopausal symptom treatment (Greendale et al 571 S); Raised levels after drinking female urine and gynaecomastia (case report) (Vierhapper and Nowotny 640); Types/administration routes for postmenopausal women (Greendale et al 575 S); Vaginally-administered (Greendale et al 571 S)
Oestrogen replacement therapy In postmenopausal women (Gurwitz 674 C) (Channer and English 1528 C); Sudden cardiac death in postmenopausal women (330 correction); *See also* Hormone replacement therapy (HRT)
Office of National Statistics Cancer survival trends (Ozonoff and Clapp 1377 Com) (Sharp 1437)
Office for Protection from Research Risks (OPRR) Institutional review board system failure in US (Greenberg 1773 N); Power increase and research programmes halted (Ault 2138 N)
Olanzapine Schizophrenia (Schultz and Andreasen 1428 S)
Olivieri N Reinstatement and broader issues over industry *vs* academia (Nathan and Weatherall 771 Com); Relieved of duties over deferiprone trial in Canada (220 N)
Oltipraz Hepatocellular cancer prevention (Wunsch 729 N)
Onchocerciasis Ivermectin distribution in Africa (Katabarwa et al 757 C)
Oncology Benefits of patient-held records (Finlay and Wyatt 558 R); Best-selling book by oncologist on poor practices by Italian doctors (Simini 1864 N); Clinical trial methodological and ethical difficulties (Raschetti et al 153 C)
Ondansetron Prevention of side-effects of stem-cell or bone-marrow reinfusion (Wymenga et al 293 R)
Oocyte Donation, Israeli restrictions (Fishman 736 N) (Fishman 2163 C) (Schenker 2163 C)
Operating theatres Design and history of (Essex-Lopresti 1007)
Opiates/opioids For acute pain (Carr and Goudas 2054); Cancer pain management (Portenoy and Lesage 1698); Chronic pain management (Ashburn and Staats 1867); Pain management (McQuay 2229); Pain relief in terminal cancer and WHO guidelines (Bonn 1419 N)
Opioid antagonists Maintenance treatment for opioid dependency (Ward et al 224 S) (Torrens et al 1101 C)
Opioid dependence Controlled clinical evaluation of diacetyl morphine (Drucker and Vlahov 1543 Com); Decriminalisation of non-medical use (Ward et al 221 S) (Macleod 1278 C); LAAM approved as alternative to methadone in Spain (Bosch 1252 N); Role of maintenance treatment (Ward et al 221 S) (Torrens et al 1101 C) (Macleod 1278 C)
Opioid receptors Analgesic effect of nabilone (cannabinoid analogue) independent of (Hamann and di Vadi 560 R)
Optic disc oedema After interferon alfa-2b for malignant melanoma (Lohmann et al 1326 R)
Optimal Angioplasty versus Primary Stenting Study (OPUS) Support for coronary stents (Husten 903 N)
Oral contraceptives Approval in Japan (909 N) (Rowling 2048 N); Delays over approval in Japan but rapid approval for Viagra (Watts 819 N); Hip fracture risk reduced (Michaëlsson et al 1481); Third-generationadvice too little and too late (Ashraf 1339 N); deaths in New Zealand (Coney 389 N) Venous thromboembolism risk warning in New Zealand (909 N)
Oral health Elderly in residential homes (Simons et al 1761 R)
Oral rehydration Management of malnourished children with diarrhoea (Ahmed et al 1919)
Orbitofrontal lesions Behavioural changes caused by (case report) (Cohen et al 34)
Orchiectomy Bilateral in prostate cancer, flutamide efficacy after and quantitative measurement of effects (Rothman et al 1184 C)
Organ Donor Awareness Trust Fund Established in Pennsylvania (2085 E)
Organic compounds In breath for lung cancer detection (Rizvi and Hayes 1897 Com) (Phillips et al 1930)
Organic nitrates Tolerance *see* Nitrate tolerance
Organic solvents Use in pregnancy and congenital malformation risk (Mitchell 1071 N)
Organisation of Economic Cooperation and Development (OECD) Decline in official development assistance (Kumar 820 N)
Organophosphates New variant CJD associated with exposures (Churchill et al 1410 R)
Orlistat (Xenical) FDA approval (1598 N)
Ornithine transcarbamylase deficiency Presenting with clumsiness, confusion and coma (case report) (Ellaway et al 1408)
Oropharyngeal pain Unilateral in tonsillar cancer (case report) (Salib et al 2124)
Orosomucoid acid Prediction of diabetes mellitus and (Schmidt et al 1649)
Orthopaedic surgery ABO blood group and improvement of preoperative fragment prothrombin 1,2 (Iturbe et al 2158 C)
OSIRIS Consent, information and neonatal research (685 E) (Tarnow-Mordi 1530 C)
Osteoarthritis COX-2 inhibitor use (Ault 1503 N) (Seidenberg 1978 C); Hip, radiological assessment of severity (Scott and Gishen 87); Of knee *see* Knee
Osteoclasts TRANCE discovery and actions (Bonn 1596 N)
Osteogenesis imperfecta Transplantation of mesenchymal progenitor cells for (Bradbury 815 N)
Osteogenic protein-1 (bone morphogenetic protein-7) (Bonn 650 N)
Osteogenic sarcoma CBFA1 (core binding factor α1) as possible treatment (Bonn 1596 N); Treatment refused by boy in Canada (Kondro 1078 N)
Osteoporosis Molecular biology developments and ,TRANCE research leading to new therapy (Bonn 1596 N); Mortality after fractures (observational study) (Center et al 878) (Pande and Pritchard 1707 C); Postmenopausal (Greendale et al 574 S); Raloxifene trial and breast cancer risk reduction (Husten 44 N)
Osteoprotegerin (OPG) Actions and TRANCE binding (Bonn 1596 N)
Oswald N (2084 L)
Otitis media Repeated episodes and hearing loss with use of personal stereos (Job et al 35 R) (Cates 756 C) (Job 756 C) (Smith and Davis 1185 C); Respiratory viruses implicated in development of (Larkin 473 N)
Otitis media with effusion (OME; glue ear) Early surgery *vs* watchful waiting and effect on language development in preschool children (randomised trial) (Maw et al 960)
Ovarian cancer Carboplatin *vs* combination therapy (ICON2 trial) (Gore et al 587 C) (Piccart et al 587 C) (Parmer et al 588 C); Monitoring antibody response to cancer vaccines by resonant-mirror biosensors (Nicholson et al 808 R); *PIK3CA* and *NOEY2* genes implicated in causing (Bonn 127 N); Reduction of impact in postmenopausal women by early diagnosis (Fishman 1418 N); Risk association with twin births (Lambe et al 1941 R); Screening and pilot randomised trial (Jacobs et al 1207); Tumour chemosensitivity assay (TCA) trial and support (855 E); Women at risk and cultural basis for difference recommendations in France/UK (Eisinger et al 919)
Overlap syndrome of obstructive sleep apnoea and COPD Case report (Steiner et al 204)
Overseas Development Administration (ODA) Malawi (Fenton 1887 C)
Oxaliplatin For colorectal cancer (Midgley and Kerr 397 S)
Oxygen Hyperbaric, for toxic megacolon (Kuroki 70 C) (Welfare et al 70 C)
Oxytocin Reduction of binding to receptor during pregnancy by progesterone metabolite and contractions initiation (Thornton et al 1327 R)
Ozone Low ambient levels and lung epithelial damage (Broeckaert et al 900 R); Safe concentrations defined (Kondro 994 N)

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p53 Replacement therapy and FDA approval application by Introgen (848 correction)
p1025 Prevention of oral recolonisation by *Streptococcus mutans* trial (Senior 127 N)
Packed cell volume Regulations for elite athletes (Tikkanen 327 C)
Paclitaxel Tumour resistance mechanism (Bosch 2044 N)
Paediatric cardiologists "Bristol case" *see* "Bristol case" surgeons
Paediatric oncology Developing country twinning programmes (Brabin et al 847 C)
Paediatrics Father of (A Jacobi) and historical background (Viner 232)
Pagers Vibratory sense testing (Prochazka and McBryde 678 C)
Pain Assessment and reporting by patients (Turk and Okifuji 1784); Cancer, management (Portenoy and Lesage 1695); Chronichypnosis use (Larkin 386 N); relief by NOS inhibitors (randomised trial) (Benjamin 256 Com) (Ashina et al 287) Concepts and components (Loeser and Melzack 1607); Concepts, experiences and impact (Turk and Okifuji 1784); Movement-related (Mcquay 2231); Neurobiology and laboratory models (Besson 1610); Neuropathic (Woolf and Mannion 1959); Non-cancer and opioids in (Mcquay 2232); Opioid-insensitive (Mcquay 2231); Persistent and contribution to suffering (Chapman and Gavrin 2233); Relief *see* Analgesia; Pain relief; Relief *vs* control (Carr and Goudas 2057); As stressor (Carr and Goudas 2056); Types (Loeser and Melzack 1608); Visceral, transmission/biochemistry/pathways and study techniques (Cervero and Laird 2145); *See also* Analgesia; Analgesics
Pain, *The Lancet* series (McCarthy 1546 Com); Acute pain, definition/mechanisms and management (Carr and Goudas 2051); Assessment of patients' reporting (integrated perspective) (Turk and Okifuji 1784); Chronic, management (Ashburn and Staats 1865); Management of cancer pain (Portenoy and Lesage 1695); Neurobiology of pain (Besson 1610); Neuropathic pain (Woolf and Mannion 1959); Opioids for pain management (choice/efficacy/adverse effects and tolerance) (McQuay 2229); Pain: an overview (Loeser and Melzack 1607); Suffering and contribution of persistent pain (Chapman and Gavrin 2233); Visceral pain (Cervero and Laird 2145)
Pain management team (Ashburn and Staats 1867)
Pain relief Chronic pain (Ashburn and Staats 1865); By motor cortex stimulation in phantom limb pain (Saitoh et al 212 R); By NOS inhibitors (randomised trial) (Benjamin 256 Com) (Ashina et al 287); Problems in India and need for palliative medicine (Desai 677 C) (Ghooi et al 677 C); In terminal cancer and WHO guidelines (Bonn 1419 N); *See also* Analgesia; Analgesics
Pakistan Cyclone aid and relief operation in turmoil (Ahmad 2050 N); Impact of fly control on childhood diarrhoea (Chavasse et al 22); Pharmaceutical company overpricing to be stopped (Ahmad 1507 N); Suicides increase (Ahmad 1688 N)
Palliative medicine Benefits of patient-held records (Finlay and Wyatt 558 R); Need in India (Desai 677 C) (Ghooi et al 677 C); Pain relief in terminal cancer and WHO guidelines (Bonn 1419 N)
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Pan African drug-licensing agency (Barrett 1113 Com)
Pan American Health Organization (PAHO) Measles eradiation campaign (Frankel 1424 N)
Pancreas-kidney transplantation Effect on mortality in type 1 diabetes and end-stage renal failure (Smets et al 1915)
Pancreatins Colonic toxicity (review) (Powell 911); Products and intake (Powell 911)
Panic disorder Pathophysiology (Klein 326 C) (Byrne and Cowley 327 C)
Papillary thyroid microcarcinoma Familial (Lupoli et al 637) (Fernández-Real and Ricart 1973 C)

Papillomas Urothelial, diagnosis by cytokeratin 20 expression (Harnden et al 974
PAPNET Potential and trial recommendations for primary screening of cervical smears (Kreuger et al 1374 Com) (PRISMATIC Project Management Team 1381) (2078 correction)
Papua New Guinea Sepsis increased due to multiresistant enteric gram-negative bacilli (Duke and Michael 2210 R)
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Paraffin Fatal cocaine intoxication in body-packer after (Marc and Baud 238 C) (McKinney and Hauswald 239 C)
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Paraoxonase gene Polymorphisms and LDL lipid peroxidation (Mackness et al 468 R)
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Paraquat poisoning Suicide *vs* unintentional poisoning (Wilks 321 C) (Daisley and Hutchinson 322 C) (Van der Stuyft 322 C) (Eddleston and Pal 323 C)
ParaSight-F False-positive tests in rheumatoid factor-positive patients (Grobusch et al 297 R)
Parasitic diseases Susceptibility and inducible nitric oxide synthase gene polymorphism (Martin et al 72 C); Treatment in/by Ice Man (Tunón and Svanberg 925 C) (Capasso 926 C) (Pöder and Peintner 926 C)
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Parietal lobes Of Albert Einstein's brain (Witelson et al 2150)
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Parkinson's disease Blood vessel changes in mesencephalon (Faucheux et al 981 R); Clonidine growth hormone stimulation test (Clarke et al 1329 R); Drug-induced psychosis treated by clozapine (French Clozapine Parkinson Study Group 2041 R); Fetal dopaminergic cells implantation trial results (Husten 1501 N); Glutathione transferase polymorphism and (Le Couteur et al 71 C) (Paolini et al 71 C); Neural transplantation (Borlongan et al sl29); Research progress (Larkin 566 N); Riluzole for levodopa-induced dyskinesia (Merims et al 1764 R); Sudden attacks of sleepiness with dopamine agonists (Senior 2043 N); Treatments and neuroprotective therapy (Larkin 566 N); In twins (Larkin 566 N)
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Paul Martini Foundation (Shelley and Baur 1872)
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Pelvic lipomatosis Achondroplasia association (Kume et al 1017 C) (Ono et al 1017 C)
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Penile cancer Lichen sclerosus association (Powell and Wojnarowska 1779 S)
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(Horton 609 Com) (Rosser 661) (Pazart 1448 C) (Fahey and Somerset 1621 C) (Macleod et al 1621 C) (Edwards et al 1622 C) (Kernick 1622 C); Cervical cancer screening by visual inspection with acetic acid and role in developing countries (Kitchener and Symonds 856 Com) (University of Zimbabwe/JHPIEGO Cervical Cancer Project 869); Computer-based medical records (Lane and Hayward 330 C); Consultations and use of language by doctors (Skelton and Hobbs 108); Patient expectations and wants in UK (Clark 1594 N); Potentially high prevalence of primary aldosteronism (Lim et al 40 R) (Chan and Isaacs 1013 C) (Lim et al 1013 C) (Wilson 1013 C); Unique features (first contact/continuity/comprehensiveness and coordination) and predicaments (Horton 609 Com); See also General practice

Primary care groups (PCGs) Introduction and aims (Dean 1163 N)

Primary Prevention of Arterial Thromboembolism in Patients with Non-valvular Atrial Fibrillation in general practice (PATAF) study (Lip 4 Com) (1978 correction)

Prion gene Codon 129 genotype and sporadic CJD (Alperovitch et al 1673 R); Methionine homozygosity at codon 129 predisposing to sporadic inclusion-body myositis (Lampe et al 465 R)

Prion proteins Characteristics and route of spread (Senior 1502 N); PrP^{Sc}detection in tonsil biopsy samples from nvCJD patients (Petersen 163 Com) (Hill et al 183) (Burdon 1271 C); glycosylation pattern in tonsil samples (Petersen 163 Com) (Hill et al 183)

Prions Iatrogenic transmission from appendicectomy and tonsillectomy (Petersen 163 Com) (Hill et al 183) (Burdon 1271 C); Inactivation method (Burdon 1271 C); Metal chelation and route of spread (Senior 1502 N)

PRISMATIC Trial PAPNET assessment for primary screening of cervical smears (Kreuger et al 1374 Com) (PRISMATIC Project Management Team 1381) (2078 correction)

PRISMS trial Interferon β-1a in multiple sclerosis (Herndon 494 C) (Johnson and Panitch 494 C) (Galazka 495 C) (Goodin 495 C) (Forbes and Swingler 496 C) (O'Connor 496 C) (Ebers et al 497 C) (Goodkin 498 C) (678 correction) (Compston 1710 C)

Prisoners First-line TB therapy and drug-resistant *M tuberculosis* (Coninx et al 969) (Coninx et al 2244 C) (Trébucq 2244 C); Human rights improvement needed in Japan (Welsh 922)

Private hospitals Concerns in Australia (2050 N)

Private medicine Increased in Israel (Fishman 1947 N)

Professional indemnity insurance Compulsory for medical practitioners in Victoria (Australia) (Loff and Cordner 218 N)

PROFET Prevention of falls in elderly (randomised trial) (Close et al 93) (Ell 928 C) (Schwab et al 928 C)

Progestagens For postmenopausal women (Greendale et al 575 S)

Progesterone Metabolite and spontaneous myometrial contractions in vitro (Thornton et al 1327 R)

Progestin-containing HRT Effect on heart-rate variability in postmenopausal women (Christ et al 1939 R)

Programme Against African Trypanosomiasis (PAAT) (Barrett 1113 Com)

Progressive familial intrahepatic cholestasis (PFIC) *MDR3* non-sense mutation (Jacquemin et al 210 R)

Propofol-infusion syndrome In children (Hatch 1117 Com) (Bray 2074 C) (Murdoch and Cohen 2074 C)

Propranolol Prevention of oesophageal variceal bleeding (Ramsay 1247 N)

Prosorba column FDA approval for use in rheumatoid arthritis and benefits (Ault 1071 N)

Prospective cohort study Clinical progression and virological failure after HAART in HIV-1 infection (Ledergerber et al 863); Endotoxin and immune activation in chronic heart failure (Mann 1812 Com) (Niebauer et al 1838); Management of acute myocardial infarction in elderly (Gollub 940 Com) (Barakat et al 955)

Prospective multicentre study Hospital surveillance of pneumococcal disease in India (Ostroff 1201 Com) (Invasive Bacterial Infection Surveillance (IBIS) Group 1216)

Prospective randomised trial Adjuvant intra-arterial ^{131}I-lipiodol in resectable hepatocellular carcinoma (Lau et al 797) (Pocock and White 943 Com); Percutaneous electrical nerve stimulation (PENS) *vs* TENS for low back pain (Senior 817 N); Sleep-deprived *vs* rested surgeons (Altschuler 501 C); See *also* Randomised controlled trials (RCT)

Prostacyclin Analogue (UF15) (Higenbottam et al 338 Com); Intravenous, pulmonary hypertension treatment (Higenbottam et al 338 Com)

Prostaglandins Intravenous, pulmonary hypertension treatment (Higenbottam et al 338 Com)

Prostate cancer Flutamide efficacy after bilateral orchiectomy and quantitative measurement of effects (Rothman et al 1184 C); Radiation side-effects of conformal *vs* conventional radiotherapy (randomised trial) (Dearnaley et al 267) (Lilleby et al 1443 C)

Prostatectomy Radical, incontinence after (Feneley and Walsh 2091 Com)

Prostheses Facial with myoelectrically driven moveable upper lid (Klein et al 1493 R)

Prosthetic joints Infections, controversies and treatment (Tobin 770 Com)

Protease inhibitors Abnormal body fat distribution in HIV-1-infected children (Babl et al 1243 R); Grapefruit juice effect (Mitchell 1335 N); Latent dysbetalipoproteinaemia precipitated by (Lister et al 1678 R); Lipodystrophy associated with and liposuction for (Ponce-de-Leon et al 1244 R); Lipodystrophy, hyperlipidaemia and diabetes mellitus associated (Carr et al 2093); Sexual dysfunction (Martínez et al 810 R) (Colebunders et al 1802 C); Suppression of HIV-1 RNA and need for drug compliance (Montaner and Mellors 565 N)

Protein "Trojan", use for new drugs (McCarthy 2134 N)

Protein C Modulators (Hirsch and Weitz 1433)

Protein C derivatives (Hirsch and Weitz 1433)

Prothrombin 1.2 Improvement in orthopaedic surgery associated with ABO blood group (Iturbe et al 2158 C)

Prothrombin 20210A polymorphism as risk factor for preterm birth (Göpel et al 1411 R)

Prothrombotic mutations As risk factor for preterm birth (Göpel et al 1411 R)

Pruritus In primary biliary cirrhosis and codeine treatment (Zylicz and Krajnik 813 R)

Pseudoephedrine Ear pain in children on airflights not decreased (Wunsch 1683 N)

Pseudomonas aeruginosa Inhaled antibiotics effective against in cystic fibrosis (McCarthy 215 N)

Pseudothrombocytopenia Differential diagnosis of thrombocytopenia with GPIIb-IIIa receptor antagonists (Stiegler et al 1185 C)

Psoriasis Non-HLA gene within MHC association (Allen et al 1589 R)

Psychiatric care Aftercare and clinical characteristics of mental illness in patients before committing suicide (Appleby et al 1397)

Psychiatric disorders Detention of dangerous people in UK (Hill 329 C); Prevalence and detection in defendants attending court (Shaw et al 1053)

Psychiatric dysfunction Dizziness association (Moss-Morris and Petrie 515 Com) (Sudo and Tashiro 2069 C) (Yardley et al 2069 C)

Psychiatric hospital Admission rates for homeless through criminal justice system (James et al 1158 R); High-security (Ashworth) in UK, hospital condemned by inquiry (Ramsay 218 N) (251 E) (Johnson 931 C); Rationalisation in Brazil and new regulations (Csillag 569 N); Refusal to treat untreatable patients in UK (Ramsay 647 N)

Psychiatrists Attitudes to euthanasia (Fleming and Pike 242 C) (Bonelli et al 243 C) (Warner et al 243 C); Refusal to treat untreatable patients in UK (Ramsay 647 N)

Psychoactive drugs For dogs approved by FDA (220 N)

Psychological aspects Hand transplantation (Foucher 1286 Com)

Psychological counselling For East Germans with memories of Stasi secret police (Glass 304 N)

Psychological treatment Acute pain management (Carr and Goudas 2056); Hypochondriasis (Clark and Salkovskis 671 C) (Ben-Tovim and Esterman 672 C) (Tyrer et al 672 C)

Psychologists Mental competency of patients requesting hastening of death (Larkin 2133 N)

Psychomotor delay In Bangladeshi children due to lead poisoning (Khan and Khan 754 C)

Psycho-oncology Interview with L Fallowfield and need for effective doctor–patient communication (Bonn 906)

Psychosis Cannabis (conference) (Harrigan 730 N); Drug-induced in Parkinson's disease and clozapine treatment (French Clozapine Parkinson Study Group 2041 R); Risperidone-induced tardive dystonia alternation (Vercueil and Foucher 981 R)

Psychosocial interventions Schizophrenia (Schultz and Andreasen 1429 S)

Psychotherapy Combined with nefazodone and efficacy in depression (Berman 1858 N); Computer-based systems (Mitchell 2046 N)

Psychotic illness Intensive *vs* standard case management (randomised trial) (Burns et al 2185)

Psychotropic drugs Prescribing practices criticised by UN (Morris 820 N)

Public Anxiety over dioxin report in Japan (Watts 1337 N) (Gough 2163 C); Disclosure of health care performance data to and needs/impact (Davies and Marshall 1639 Com); Expectations of doctors (Irvine 1174); Trust in doctors (UK) (384 N)

Public awareness campaign On smoking in Canada (Groman et al 466 R)

Public health Cancer survival trends (collaborative report) (Ozonoff and Clapp 1377 Com) (Sharp 1437); In Celtic Britain (Hunter 1020 C); Dioxin exposure risks with waste incineration (Larkin 1681 N); Dogs causing problems in India (Kumar 2219 N); Epilepsy diagnosis and treatment (Pal et al 1817 Com); Implementing Cairo conference on population and development and resources (Potts and Walsh 315) (Angel 932 C); Strategy needed in Russia (337 E)

Public Health Laboratory Service (PHLS) Priorities for disease surveillance (Giesecke 344 Com)

Pulmonary artery pressure High-altitude response and association with perinatal pulmonary hypertension (Sartori et al 2205)

Pulmonary embolism Acute, prognosis and ICOPER registry (Hirsh and Bates 1375 Com) (Goldhaber et al 1386)

Pulmonary endarterectomy Pulmonary hypertension treatment (Higenbottam et al 338 Com)

Pulmonary epithelium Damage by low ambient ozone levels (Broeckaert et al 900 R)

Pulmonary fibrosis In polymyositis and tacrolimus therapy (Oddis et al 1762 R)

Pulmonary hypertension Chronic thromboembolic (Higenbottam et al 338 Com); Endothelin role and endothelin receptor antagonist therapy (Benigni and Remuzzi 135); High altitude, risk with ACE genotype in Kyrghyz highlanders (Morrell et al 814 R); Pathogenesis, histology and reclassification (Higenbottam et al 338 Com); Perinatal, associated with pulmonary hypertension in adults (Sartori et al 2205); Postcapillary (Higenbottam et al 338 Com); Primary, management (74 correction); Treatments (Higenbottam et al 338 Com)

Pulmonary inflammation In organ donors after non-traumatic brain injury (Fisher et al 1412 R)

Pyrantel *Trichuris trichiura* infection treatment (Beach et al 237 C) (Savioli 237 C) (Forrester et al 238 C)

Pyridoxine Use in pregnancy and neonatal seizures after (South 1940 R)

Pyrimethamine Sulphadoxine with, intermittent doses to prevent anaemia secondary to malaria in pregnancy (randomised trial) (Shulman et al 632)

Pyrimethamine-sulphadoxine Resistance and malarial disaster (White et al 1965)

Pyrimidine synthesis inhibitor Leflunomide *vs* sulphasalazine and placebo in rheumatoid arthritis (randomised trial) (Madhok and Capell 257 Com) (Smolen et al 259) (Bruyn et al 1883 C) (Ferraccioli and De Vita 1883 C) (Smolen et al 1883 C)

Pyruvate Intracoronary, haemodynamic effects in congestive heart failure (Hermann et al 1321)

Q

QT dispersion Myocardial infarction risk assessment (Macfarlane 1377 Com)

Quality of life Methadone maintenance treatment and (Torrens et al 1101 C)

Quetiapine Schizophrenia (Schultz and Andreasen 1428 S)

Quinaprilat Angiogenesis induction (in rabbits) (Husten 2132 N)

4-Quinolones Induction of type 2 Shiga toxin in *Escherichia coli* O157 (Kimmitt et al 1588 R)

R

Rabies Public health threat from dogs in India (Kumar 2219 N)

Racism Allegation and investigation at GMC (Ramsay 1862 N); Controversy over Australian accreditation system for overseas-trained doctors (Tattam 475 N) (Sharma 1625 C); Institutionalised, in health care (765 E)

Radiation Side-effects of conformal *vs* conventional radiotherapy in prostate cancer (randomised trial) (Dearnaley et al 267) (Lilleby et al 1443 C)

Radiation therapy *see* Radiotherapy

Radiation Therapy Oncology Group (RTOG) Cervical cancer treatment (Monaghan 1288 Com)

Radiofrequency catheter ablation Of cardiac arrhythmias and cure rate (Bradbury 299 N)

Radiofrequency interstitial thermal ablation Hepatocellular carcinoma (Allgaier et al 1676 R)

Radioiodine For hyperthyroidism and cancer incidence/mortality after (Franklyn et al 2111)

Radiology Abdominal interventional, advances (Dondelinger sl15); Assessment of hip osteoarthritis (Scott and Gishen 87 Com)

Radionuclide Needle-free vehicle for administration for sentinel-node biopsy (Keshtgar et al 1410 R)

Radiotherapy Chemotherapy with for invasive cervical cancer (Bradbury 731 N); Colorectal cancer (Midgley and Kerr 395 S); Conformal *vs* conventional, side-effects comparison in prostate cancer (randomised trial) (Dearnaley et al 267) (Lilleby et al 1443 C); Kidney cancer (Halperin 594 C); Postoperative in high-risk postmenopausal breast cancer patients

given adjuvant tamoxifen (Danish randomised trial) (Overgaard et al 1641); Real-time tumour-tracking (Shirato et al 1331 R); Survival in choroid plexus carcinoma (Wolff et al 2126 R); Tinea capitis and cancer due to (Sadetzki and Modan 2238)
Rain forests Drugs from trees importance of world's flora (Lister and Schrire 848 C)
Raloxifene Breast cancer risk reduced (Husten 44 N); Breast cancer risk reduction in postmenopausal women (MORE trial) (Senior 2131 N); STAR (Study of Tamoxifen and Raloxifene) (Senior 2131 N)
Raltitrexed For colorectal cancer (Midgley and Kerr 397 S)
Randomised controlled trials (RCT) Active specific immunotherapy (ASI) for stages II/III colon cancer (Vermorken et al 345) (Blot et al 1524 C) (Bremers and Parmiani 1524 C) (Lukacs and Davies 1525 C) (Vermorken et al 1525 C); Adjuvant intra-arterial ^{131}I-lipiodol in resectable hepatocellular carcinoma (Lau et al 797) (Pocock and White 943 Com); Application of evidence from to general practice (Horton 609 Com) (Rosser 661) (Pazart 1448 C) (Fahey and Somerset 1621 C) (Macleod et al 1621 C) (Edwards et al 1622 C) (Kernick 1622 C); Arterial stenting and angioplasty in ostial atherosclerotic renal artery stenosis (van de Ven et al 282); Biases in reporting (Roy 428 Com) (Chalmers and Altman 490) (Greenwood 1277 C) (Lorenz 1277 C); Breastfeeding promotion by home-based peer counselling (Morrow et al 1226); Buccal midazolam *vs* rectal diazepam for seizure treatment in children/adolescents see Midazolam; Captopril Prevention Project comparing ACE inhibitors with antihypertensive therapy in hypertension treatment (Cutler 604 Com) (Hansson et al 611); Cationic lipid-mediated *CFTR* gene transfer to lungs/nose in cystic fibrosis (Alton et al 947); CIBIS-II trial see CIBIS-II trial; Clinical decisions about individual patients and (Mant 743); Continuous positive airway pressure for sleep apnoea (Polo 2086 Com) (Jenkinson et al 2100); Crossover trial, tension headache relief by NOS inhibitors (Benjamin 256 Com) (Ashina et al 287); Directly observed treatment, for TB see Directly observed treatment (DOT); Duration and premature stopping in multiple sclerosis treatment trials (Rudge 1033 Com) (Kappos 2242 C) (Rudge 2242 C); Early chemoprophylaxis with trimethoprim-sulphamethoxazole in HIV-1 infection in Côte d'Ivoire (Anglaret et al 1463) (Wiktor et al 1469) (2078 correction); Early surgery *vs* watchful waiting in glue ear effect on language development in children (Maw et al 960); Edinburgh trial of breast cancer screening (Dickersin 1896 Com) (Alexander et al 1903) (UK Trial of Early Detection of Breast Cancer Group 1909); Efficacy/acceptability of intranasal 17β-oestradiol for menopausal symptoms (study) (Studd et al 1574); Elective caesarean section for prevention of vertical transmission of HIV-1 (Hudson 1030) (European Mode of Delivery Collaboration 1035) (1714 correction) (Anderson et al 2240 C) (Parazzini et al 2240 C) (Skinner and Turner 2240 C) (Hudson 2241 C) (Shields 2241 C); Fetal dopaminergic cells implantation results (Husten 1501 N); Gastrointestinal bleeding risk with aspirin see Gastrointestinal bleeding; Hepatitis A vaccine efficacy in prevention of secondary hepatitis A (Sagliocca et al 1136) (2078 correction); Hirudin *vs* heparin effect in unstable coronary disease (Wallentin 423 Com) (Organisation to Assess Strategies for Ischemic Syndromes (OASIS-2) Investigators 429); IgA nephropathy treatment (Harper and Savage 860 Com) (Pozzi et al 883) (Ashman et al 2159 C) (Pozzi and Locatelli 2159 C); Impact of fly control on childhood diarrhoea in Pakistan (Chavasse et al 22) (Levine et al 1020 C); Influence on closure technique on abdominal wound complications (study) (Niggebrugge et al 1563); Intensive *vs* standard case management for psychotic illness (Burns et al 2185); Interferon alfa-2b with ribavirin in chronic hepatitis C infection (Fernández et al 499 C) (Kingsley 499 C) (Poynard et al 500 C); Interferon ß-1a in multiple sclerosis see PRISMS trial; Interferon-α in metastatic renal cell carcinoma (Amato 6 Com) (Medical Research Council Renal Cancer Collaborators 14); Intermittent sulphadoxine-pyrimethamine to prevent severe anaemia secondary to malaria in pregnancy (Shulman et al 632); Invasive *vs* conservative management of acute coronary syndromes (Verheugt sII17); Iron cooking pots and effect on iron status and growth in children (Brabin 690 Com); Leflunomide *vs* sulphasalazine and placebo in rheumatoid arthritis (Madhok and Capell 257 Com) (Smolen et al 259) (Bruyn et al 1883 C) (Ferraccioli and De Vita 1883 C) (Smolen et al 1883 C); Long-term effect of inhaled budesonide in COPD (Vestbo et al 1819); Low mifepristone doses effective as emergency contraception (Task Force on Postovulatory Methods of Fertility Regulation 697); Low-dose and high-dose aspirin before carotid endarterectomy (van Gijn 2172 Com) (Taylor et al 2179); Low-dose hydrocortisone in chronic fatigue syndrome (Jeffcoate 424 Com) (Cleare et al 455) (Baschetti 1618 C) (Dessein and Shipton 1618 C) (Rea and Buchwald 1618 C) (Cleare et al 1619 C) (Shepherd 1619 C); Mesorectal excision trials not unethical in colorectal cancer (Hinson and Ambrose 1012 C) (Vaidya and Baum 1714 C); Methotrexate *vs* laparoscopic salpingostomy in tubal pregnancy and fertility outcome (Dias Pereira et al 724 R); Metoprolol in chronic heart failure (Sharpe 1988 Com) (MERIT-HF Study Group 2001); Needed for herbal medicines (Tattam 2222 N); Number needed to treat (NNT) and number needed to harm (NNH) (Mant 743); Percutaneous electrical nerve stimulation (PENS) *vs* TENS for low back pain (Senior 817 N); Physical training for treatment of long-standing adductor-related groin pain (Hölmich et al 439) (Gibbon 1444 C) (Syme et al 1444 C); Pilot study for ovarian cancer screening (Jacobs et al 1207); Postoperative radiotherapy in high-risk postmenopausal breast cancer patients given adjuvant tamoxifen (Overgaard et al 1641); Postoperative wound infections reduced by impervious wound-edge protector (Sookhai et al 1585 R); Prevention of falls in elderly (PROFET) (Close et al 93) (Ell 928 C) (Schwab et al 928 C); Publication and review of protocols and advantages of electronic publishing (Roy 428 Com) (Chalmers and Altman 490) (Greenwood 1277 C) (Lorenz 1277 C); Radiation side-effects of conformal *vs* conventional radiotherapy in prostate cancer (Dearnaley et al 267) (Lilleby et al 1443 C); Rheumatoid arthritis treatment by combination drugs *vs* single-drug (Möttönen et al 1568); Short-course zidovudine for perinatal HIV infection prevention (Mofenson 766 Com) (Shaffer et al 773) (Wiktor et al 781) (Dabis et al 786) (Graham and Newell 836); Sleep-deprived *vs* rested surgeons (Altschuler 501 C); Spinal cord stimulation in critical limb ischaemia (Klomp et al 1040); Subcutaneous *vs* intravenous interleukin-2 (IL-2) in asymptomatic HIV-1 infection (Levy et al 1923); In surgery (Baum sI6) (Treasure sI33); Syst-Eur (Pahor et al 235 C) (Zuccalà et al 235 C) (Forette et al 236 C) (Leys and Pasquier 236 C) (Kario and Pickering 1184 C); Tamoxifen breast cancer prevention trial and drop-out rate (Veronesi et al 244 C) (Cuzick and Edwards 930 C); Tamoxifen in treatment of intraductal breast cancer (Wilcken 1986 Com) (Fisher et al 1993); Therapeutic immunisation with recombinant HIV gp160 with HAART for AIDS prevention (Hoff and McNamara 1723 Com) (Sandström et al 1735); Transmyocardial laser revascularisation in refractory angina and no cost-benefit see Transmyocardial laser revascularisation (TMLR); *Trichuris trichiura* infection treatment (Beach et al 237 C) (Savioli 237 C) (Forrester et al 238 C); UK Small Aneurysm Trial (Collin 407 C) (McCleary and Mahomed 408 C) (Scott 408 C) (Powell and Greenhalgh 409 C); VIRADAPT, drug-resistance genotyping in HIV-1 therapy (Falloon 2173 Com) (Durant et al 2195); Vitamin A supplement linked to immunisation in early infancy (154 correction); Zanamivir (inhaled), in influenza treatment (504 correction); See *also* Clinical trials
Randomised cross-over study Patient-held records in oncology and palliative care (Finlay and Wyatt 558 R)
RANKL (receptor activator of nuclear factor k B ligand) (Bonn 1596 N)
RANTES High concentrations in multiple sclerosis (Wunsch 989 N)
Rape Alarming statistics and journalist's rape in South Africa (Baleta 1340 N); Counsellors for Kosovans in Albania (1686 N)
Rash In CMV leucocytoclastic vasculitis (case report) (Hogarth et al 978)
Rationally designed drugs In early cancer trials (McNamee 2045 N)
Rationing of health care Age-based (Goodman 677 C); Of drugs and NICE approach in UK (Dean 651 N); NICE role in UK (Horton 1028 Com) (Rawlins 1079) (Goodman 1887 C) (Proctor 1887 C)
Real-time tumour-tracking radiotherapy (RTRT) (Shirato et al 1331 R)
Rectal cancer Radiotherapy (Midgley and Kerr 396 S); Sexual dysfunction after surgery for (Banerjee 1900 Com); Surgery (Midgley and Kerr 394 S); See *also* Colorectal cancer
Red wine Antithrombotic effect mediated by nitric oxide and mechanism of French paradox (Simini 1944 N)
Red-yeast rice FDA ban lifted by judge (736 N)
Refugee medicine Postgraduate training in Budapest (Agovino 907 N)
Refugees Aid agencies' response to humanitarian crisis in Balkans (Morris 1423 N); Caring for ethnic Albanians in Macedodonia's refugee camps (Agovino 1701); Coeliac disease in Saharawi children in Algerian camps (Lionetti et al 1189 C); Ethnic Albanians and concerns over (Palmer 2065); From Kosovo, NATO's failure to prevent Serbian brutality and new focus on care and aid (1199 E) (Baur 2077 C) (Evans 2077 C) (Vassilouthis et al 2077 C); From Kosovo and mental health care needs (de Jong et al 1616); Health care provisions for in UK (Hargreaves et al 1497 R)
Rehabilitation Of hemiparesis after stroke with mirror technique (Altschuler et al 2035 R); Inpatient programme for multiple sclerosis (Senior 301 N)
Reichstein T (Raju 1370)
Religion Spirituality and medicine and interests in connections (Sloan et al 664) (Rabin 1803 C) (Roper 1803 C) (Tucker 1803 C) (Koenig 1804 C)
Remuzzi G (2170 L)
Renal artery stenosis Ostial atherosclerotic, arterial stenting and angioplasty (randomised trial) (van de Ven et al 282)
Renal cell carcinoma Metastatic, benefits of interferon-α in early results of randomised trial (Amato 6 Com) (Medical Research Council Renal Cancer Collaborators 14); Vascular endothelial growth factor and platelet counts as prognostic factors (O'Byrne et al 1494 R) (Schwarz 2158 C) (Gunsilius et al 2247 C)
Renal disease Endothelin role and endothelin receptor antagonist therapy (Benigni and Remuzzi 135)
Renal failure Acute, after ibutilide (Franz et al 467 R); Bone morphogenetic proteins (BMPs) application in (Bonn 650 N); End-stage, incidence and causes (Mallick and Gokal 737 S); End-stage in type 1 diabetes and effect of pancreas-kidney transplantation on mortality (Smets et al 1915)
Renal function improvement in hepatorenal syndrome by N-acetylcysteine (Holt et al 294 R)
Renal transplantation Organ donation without consent in India (Sharma 1076 N); Pancreas transplantation with and effect on mortality in type 1 diabetes and end-stage renal failure (Smets et al 1915)
Renal tubule-assist device Tried in uraemic animals (Bradbury 1501 N)
Renal vasculitis (Couser 1513 S)
Renin Plasma renin activity in mineralocorticoid hypertension (Stewart 1341 S)
Renin-angiotensin system Metabolic effects in skeletal muscle and adipose tissue (Montgomery et al 541) (Beech 1884 C)
Rennie D (1810 L)
Reproductive health Collaborative initiatives to reduce HIV and maternal mortality (Graham and Newell 836); Implementing Cairo conference on population and development and resources (Potts and Walsh 315) (Angel 932 C)
Research Basic, planning and measuring in US (Greenberg 733 N); Epidemiological, on adverse drug effects (Gargiullo et al 501 C) (MacDonald et al 501 C); Health risks of genetically modified foods (UK) (1811 E); Institutional clinical trials needed in Europe (Cornu 63) (Druml and Eichler 929 C) (Garattini and Bertele 930 C); Online drafting for grants and website for (Larkin 935); Programmes halted by Office of Protection from Research Risks (OPRR) (Ault 2138 N); Public release of data in US and dispute over (Greenberg 2135 N); Review of protocols and electronic publishing advantages (Roy 428 Com) (Chalmers and Altman 490) (Greenwood 1277 C) (Lorenz 1277 C); See *also* Biomedical research; Clinical research; Medical research; Scientific research
Residential homes Oral health of elderly in (Simons et al 1761 R)
Resonant-mirror biosensors Monitoring antibody response to cancer vaccines (Nicholson et al 808 R)
Respiratory failure In obstructive sleep apnoea with COPD (case report) (Steiner et al 204)
Respiratory syncytial virus (RSV) In otitis media development (Larkin 473 N)
Respiratory tract infections Asthma exacerbations and PEFR characteristics (Reddel et al 364) (758 correction) (Parameswaran et al 1443 C)
Respiratory viruses Otitis media pathogenesis (Larkin 473 N)
Resuscitation Severe burns (Senior 1248 N); See *also* Cardiopulmonary resuscitation
Retina Vessel wall changes as risk factor for venous thrombosis (Verougstraete 2158 C)
Retinal side-effects Of sildenafil and no cause for alarm (Zrenner 340 Com) (Vobig et al 375 R) (Vobig et al 1442 C)
Retinal vascularisation Abnormal in preterm children (Hellström et al 1099 C) (Minicucci et al 1099 C) (1104 correction)
Retinoic acid Receptors reduced by ultraviolet light and topical retinoic acid in skin cancer prevention (Moore 1161 N)
Retinopathy of prematurity Prevention and therapy (Fleck 166 Com)
Retroviruses Conference and progress on (Montaner and Mellors 565 N); Non-HIV-1, attenuated in HIV-1 vaccine research (Morris 471 N)
Revalidation of doctors Debate and errors in medicine (Horton 422 Com); Support for recommendations by GMC (Ashraf 652 N); System in UK and GMC report

(Dean 475 N)
Review Series BCG immunotherapy of bladder cancer (Alexandroff et al 1689); Colonic toxicity from pancreatins (Powell 911); Immunosuppressive strategies in transplantation (Denton et al 1083 N); Sociology and modern health care (Chard et al 486)
RGD peptide Effect on von Willebrand factor-dependent platelet activation under flow (Goto et al 809 R)
Rhabdomyolysis Increased lipid peroxidation (Holt et al 1241 R); Secondary to hypokalaemia and presenting with muscle pain after exercise (case report) (Nielsen and Mazzone 1062)
Rheumatoid arthritis Angioneogenesis as triggering factor (Hirohata and Sakakibara 1331 R); Combination vs single-drug therapy (randomised trial) (Möttönen et al 1568); Etanercept associated with severe infections (Ault 1770 N); Ethics of placebo-controlled trials (Stein and Pincus 400); Extrasynovial focus explanation for good prognosis (McGonagle et al 123 R) (Calin 1185 C) (Emery and Smolen 1186 C); Immunosorbent column (Prosorba) approved for use and benefits (Ault 1071 N); Infliximab treatment and ATTRACT trial results (Jack 2132 N); Leflunomide approval by EMEA closer (1948 N); Leflunomide vs sulphasalazine and placebo (randomised trial) (Madhok and Capell 257 Com) (Smolen et al 259) (Bruyn et al 1883 C) (Ferraccioli and De Vita 1883 C) (Smolen et al 1883 C)
Rheumatoid factor False-positive malaria tests associated (Grobusch et al 297 R)
Rheumatology Websites (Larkin 1368)
Rhinitis Allergic, leukotriene-receptor antagonists (Lipworth 61); Milk intolerance in cats causing (Swinburne 74 C)
Rhinoconjunctivitis Allergic, intake of *trans* fatty acids relationship (Weiland et al 2040 R)
Rhinovirus ICAM-1 receptor blocked by tremacamra and trial of use in common colds (Senior 1769 N)
Rhythms In biological systems (Lye 1461 Com); See *also* Circadian rhythms
Ribavirin Interferon alfa-2b with in chronic hepatitis C infection (Fernández et al 499 C) (Kingsley 499 C) (Poynard et al 500 C)
Riboflavin NRTI-induced lactic acidosis treatment (Luzzati et al 901 R)
Ribosomal DNA Micro-organism identification by intuitive hypertext-based method (Harmsen et al 291 R)
Ribosomes Effect of dyskerin in dyskeratosis congenita on function (McGrath 1204 Com)
Richards D W Jr (Raju 1891)
Rickets Healing with calcium supplementation (Oginni et al 296 R)
RIDOM system Hypertext-based system for molecular identification of micro-organisms (Harmsen et al 291 R)
Rifamycin Monoresistance in HIV-related tuberculosis after once-weekly rifapentine and isoniazid treatment (Vernon et al 1843)
Rifapentine Once-weekly treatment and rifamycin monoresistance in HIV-related tuberculosis after (Vernon et al 1843)
Riluzole For levodopa-induced dyskinesia in advanced Parkinson's disease (Merims et al 1764 R); Parkinson's disease treatment progress (Larkin 566 N)
Risk Lifetime, prediction for coronary heart disease (De Backer and De Bacquer 82 Com) (Lloyd-Jones et al 89) (Lloyd-Jones and Levy 924 C) (Ross and Stier 924 C) (Sanchez-Delgado and Liechti 924 C) (Ulrich et al 925 C); Patients' ability to recall information on treatment options (Lloyd et al 645 R) (Gattellari et al 1713 C) (Heneghan 1713 C) (2164 correction)
Risk assessment Cardiovascular disease and lipid-lowering therapy threshold (Grover 254 Com) (Durrington et al 278) (Ramsay et al 1095 C) (Durrington et al 1096 C) (Tang et al 1096 C) (Wight 1096 C) (Robson 1097 C) (Smith and Ebrahim 1097 C) (Stokoe et al 1097 C); Coronary heart disease in women (Silberberg 1637 Com); Genetically modified crops/foods (Beringer 605 Com) (Crawford 1531 C); Mother-to-child transmission of toxoplasmosis (Dunn et al 1829); Myocardial infarction and QT dispersion role (Macfarlane 1377 Com)
Risk factor modelling study Prediction of benefit from carotid endarterectomy (Rothwell et al 2105)
Risk stratification Acute coronary syndromes (Klootwijk and Hamm sII12) (Verheugt sII18); Coronary syndromes, acute (Klootwijk and Hamm sII12) (Verheugt sII18) (Delehanty et al sII24)
Risperidone Schizophrenia (Schultz and Andreasen 1428 S); Tardive dystonia induced by and psychosis alternation with (Vercueil and Foucher 981 R)
RITA-1 trial Long-term results (Channer and English 321 C) (Henderson and Pocock 321 C)
Ritonavir Fatal interaction with MDMA (de la Torre et al 593 C) (Schwab et al 593 C); Hypermenorrhoea association (Nielsen 811 R)
Road traffic accidents Avulsion of occipital bone by airbags (Hansen et al 1409 R); United Arab Emirates (Kandela 2047 N)
Robbins F C (Raju 1716)
Robertsonian translocation Balanced, non-Down's offspring (Ercis and Balci 751 C)
Robot Pet cat for company for elderly in Japan (Watts 1166 N)
Robotics (Rattner sI14)
Roche Holdings AG Criminal fine to be paid for global price fixing (Ault 1862 N)
Rodents Human sperm grown in (648 N)
Rofecoxib (COX-2 inhibitor) (Hawkey 311); FDA approval (Ault 1503 N) (1864 N) (Seidenberg 1978 C); Safety concerns and advice against chronic usage (Ault 1503 N) (1864 N) (Seidenberg 1978 C)
Rosiglitazone FDA approval (1948 N) (Ault 2221 N); FDA warning on label (1598 N)
Rotavirus Adult diarrhoea in India (Krishnan et al 380 R); Discovery/research and vaccine development and role of R Bishop (Tattam 1860 N); Vaccine recommendations by US CDC (Wehrwein 478 N) (Nakagomi et al 1275 C)
Royal College of General Practitioners Spring symposium and photography exhibition (Schatzberger/Bolton 1173)
Royal College of Physicians Care of elderly with mental illness (report) (478 N); Report on obesity management and use of anti-obesity drugs (214 N)
Royal College of Psychiatrists Care of elderly with mental illness (report) (478 N); Response to proposal to detain untreatable patients (Ramsay 647 N)
Royal College of Surgeons Warning over future of transplant surgery and lack of surgeons and donor organs (Ashraf 476 N)
Royal Commission Report on long-term care reforms in UK (Dean 907 N)
Royal Society Review of some evidence on genetically modified potatoes (1811 E)
Russia Cardiovascular disease increase (McKee and Leon 503 C); Dobrava hantavirus in (Plyusnin et al 207 R); Health care deterioration (337 E); Monocytic *Ehrlichia* in *Ixodes persulcatus* (Ravyn et al 722 R); Tuberculosis and DOTS (Banatvala et al 999)
Russian Federation Diphtheria risk among schoolchildren (Vitek et al 355)

S

Saccharomyces boulardii Administration and fungaemia after (Piarroux et al 1851 R)
Saharawi children Coeliac disease prevalence (Lionetti et al 1189 C)
St John's wort Antibacterial activity of hyperforin against MRSA and gram-positive bacteria (Schempp et al 2129 R); Comparative trials with antidepressants (McCarthy 1073 N)
Saline Hypertonic, comparison with recombinant human DNase (rhDNase) in cystic fibrosis (Geddes and Shah 1727 Com)
Salmonella paratyphi "Healthy" carrier for 52 years (McLarty and Dance 2246 C)
Salmonella typhi Carriers and Koch's concept (history) (Mortimer 1354) (Marr 1714 C) (McLarty and Dance 2246 C); Ciprofloxacin-resistant and treatment failure (Threlfall et al 1590 R); Re-emergence of sensitivity to chloramphenicol (Sood et al 1241 R)
Salpingostomy Laparoscopic, methotrexate vs in tubal pregnancy and fertility outcome (Dias Pereira et al 724 R)
Salt Diet and health (book review and correspondence) (MacGregor and de Wardener/Swales 597) (MacGregor and de Wardener 1709 C) (Swales 1710 C); Small reduction and little impact on taste (Rodgers and Neal 1332 R)
Sandimmun Neoral Advertising, generic form of cyclosporin approved (Jewitt-Harris 595 C) (Neild 595 C)
Sanger Centre (Cambridge, UK) Funding and progress in Human Genome project (McMenemy 1078 N)
Santa Rosa Total sternal agenesis (Capasso et al 504 C) (Altschuler 1278 C)
Sarcoidosis Hypercalcaemia in and association with hyperparathyroidism (case report) (Young et al 374)
Sardinia Subclinical coeliac disease in schoolchildren (Meloni et al 37 R) (Lionetti et al 1189 C)
Sarin gas Terrorist attack in Tokyo (1995) and long-term effects (Watts 569 N)
Scapula lateral rotation Non-invasive evaluation of shoulder after stroke (Price et al 298 R)
Schizophrenia (Schultz and Andreasen 1425 S); Diagnosis/genetic research/neuroimaging and treatment (Schultz and Andreasen 1425 S); Exacerbation by cannabis (Harrigan 730 N); High risk group detected by structural abnormalities on MRI (Harrison 3 Com) (Lawrie et al 30); Involvement of excitatory neurons in medial temporal lobe (154 correction); Mapping of neural activity in auditory hallucinations (Lennox et al 644 R); Verbal self-monitoring deficit and auditory hallucinations (Johns and McGuire 469 R)
Schoolchildren Diphtheria risk in Russian Federation (Vitek et al 355); Subclinical coeliac disease in Sardinia (Meloni et al 37 R) (Lionetti et al 1189 C)
Schwannomas In neurofibromatosis type 2 (Nf2) (Huson 1114 Com) (1366 correction)
Sciatica Lower-back pain with, bed rest not effective (Wunsch 649 N)
Science Of medical journalism, conference (Frankel and Horton 518 Com); Prevention of perinatal HIV-1 transmission, Consensus statement (Perinatal HIV Intervention Research in Developing Countries Workshop Participants 832) (Lurie and Wolfe 1878 C) (Omene 1878 C) (Foëx 1879 C) (Isturiz 1879 C) (Greco 1880 C) (Wilfert and Curran 1880 C) (Wilfert et al 1881 C); For schoolchildren, website (Larkin 762)
Scientific research Fifth Framework Programme (Europe) (Prasher 910 N); Funding boost in Australia (Loff and Cordner 1776 N); See *also* Research
Scleroderma Effect on Paul Klee's art (Wolf 1516); Microchimerism in fetus linked (1417 N)
***SCNN1B* gene** Sodium channel β subunit and linkage to systolic blood pressure (Colhoun 1200 Com) (Wong et al 1222)
***SCNN1G* gene** Sodium channel γ subunit and linkage to systolic blood pressure (Colhoun 1200 Com) (Wong et al 1222)
Scotland Health care inequalities for children (Tappin 596 C); Juvenile-onset Crohn's disease incidence (Armitage et al 1496 R)
Scrapie In mice and efficacy of prophylactic pentosan polysulphate (Farquhar et al 117 R) (Deli et al 1272 C)
"Screen for Life" campaign Faecal occult blood tests for colorectal cancer (Wunsch 905 N)
Screening β_1-Adrenoceptor gene polymorphisms (Maqbool et al 897 R); Blood donations for HCV, HBV and HIV-1 by PCR (Roth et al 359) (Roth and Seifried 1441 C) (Winceslaus 1441 C) (Barin 1799 C) (Roth and Seifried 1799 C); Cervical cancer by visual inspection with acetic acid and role in primary-care in developing countries (Kitchener and Symonds 856 Com) (University of Zimbabwe/JHPIEGO Cervical Cancer Project 869); Cervical smears see Cervical smears; Colorectal cancer (Midgley and Kerr 393 S); Colorectal cancer by faecal occult blood tests (Midgley and Kerr 393 S) (Wunsch 905 N); Congenital thrombophilia (Greer 1261); Congenital toxoplasmosis (Dunn et al 1829) (Lebech et al 1834) (Lynfield et al 1899 Com); Feasibility of neonatal screening for toxoplasmosis (Lebech et al 1834); Hepatocellular carcinoma (Schafer and Sorrell 1255 S); Lung cancer by volatile organic compounds in breath (Rizvi and Hayes 1897 Com) (Phillips et al 1930); Mammography for women starting HRT (Achuthan et al 1855 R); Ovarian cancer, pilot randomised trial (Jacobs et al 1207); Syphilis in donated blood (Roth and Seifried 1441 C) (Winceslaus 1441 C); Underfunded and inefficiency system in UK and future debated (Ramsay 1076 N); Urinary telomerase for bladder cancer (Bradbury 383 N); See *also* Mammography
Seasonal affective disorder (SAD) Melatonin role (Morris 990 N)
Second Copenhagen Atrial Fibrillation Aspirin Anticoagulation (AFASAK-2) (Lip 4 Com) (1978 correction)
Second European Stroke Prevention Study (ESPS2) FDA backing for Aggrenox and (1598 N)
Secrecy In out-of-court settlements of drug-injury cases and harm caused by (Herxheimer 517 Com)
Sedation Nurse-led service for paediatric MRI (Sury et al 1667)
Seizures Buccal midazolam vs rectal diazepam in children/adolescents (randomised trial) (Holmes 608 Com) (Scott et al 623) (Ellis and Baddely 1796 C) (Scheepers et al 1797 C) (Scott et al 1797 C) (Chattopadhyay et al 1798 C); Neonatal, after use of pyridoxine in pregnancy (South 1940 R); Recurrent, prevention in alcohol abusers by lorazepam (Ramsay 1160 N); See *also* Epilepsy
Selective oestrogen receptor modulator (SERM) Breast cancer risk reduced by raloxifene (Husten 44 N)
Selective serotonin reuptake inhibitors (SSRI) Prescriptions for children (Larkin 1595 N); Social phobia symptom improvement (Larkin 1595 N); Tricyclic antidepressants comparison (McCarthy 1073 N)
Selegiline hydrochloride FDA approval for use in dogs (220 N)
Self-care By doctors (Birchard 219 N) (Michiels et al 1278 C)
Self-focusing Symptom interpretation and dizziness association (Moss-Morris and Petrie 515 Com) (Sudo and Tashiro 2069 C) (Yardley et al 2069 C)
Self-hypnosis Therapeutic uses (Larkin 386 N)
Self-medication Expansion and empowering of individuals (Herxheimer 2136 N)

Seminar

Colorectal cancer (Midgley and Kerr 391)
Deep-vein thrombosis (Lensing et al 479)
Glomerulonephritis (Couser 1509)
Group B streptococcus (Schuchat 51)
Haemodialysis (Mallick and Gokal 737)
Hepatocellular carcinoma (Schafer and Sorrell 1253)
Human T-lymphotropic virus type I infection (Manns et al 1951)
Leprosy (Jacobson and Krahenbuhl 655)
Lichen sclerosus (Powell and Wojnarowska 1777)
Maintenance treatment in opioid dependence (Ward et al 221)
Menopause (Greendale et al 571)
Mineralocorticoid hypertension (Stewart 1341)
Neurobehavioural sequelae of cardiopulmonary bypass (Selnes et al 1601)
Peritoneal dialysis (Gokal and Mallick 823)
Schizophrenia (Schultz and Andreasen 1425)

Sensorimotor coordination In cerebral palsy (Goodwin 2090 Com)
Sentinel node biopsy In breast cancer and acceptable false-negative rate (Rozenberg et al 1937 R); Needle-free vehicle for radionuclide administration (Keshtgar et al 1410 R)
Sepsis Multi-resistant enteric gram-negative bacilli causing (Duke and Michael 2210 R); Neonatal, diagnosis by IL-1ra and IL-6 concentrations (Önal et al 239 C) (Mehr and Doyle 1798 C) (Önal et al 1798 C)
Serbia Aid workers jailed (Morris 1950 N); Brutality to Kosovo's ethnic Albanians and NATO air bombardment (1199 E) (Baur 2077 C) (Evans 2077 C) (Vassilouthis et al 2077 C); Effect of NATO bombing (Podmore 2249 C)
Serine protease Calcium-activated in pathogenesis of haemorrhagic syndrome due to caterpillar (Reis et al 1942 R)
Serious Hazards of Transfusion (SHOT) scheme Annual report (904 N)
Serotonin 5-HT_{2A} gene promotor polymorphism and anorexia nervosa (Collier et al 929 C) (Ziegler and Görg 929 C); Increased plasma levels with phentermine with fenfluramines (Maher et al 38 R) (Maher et al 1362 C) (Rothman 1362 C); Metabolism changes associated with side-effects of stem-cell or bone-marrow reinfusion (Wymenga et al 293 R)
Serotonin agonists Zomitriptan and naratriptan and headache after frequent use (Limmroth et al 378 R) (Limmroth et al 1363 C) (Mathew 1363 C) (Minton and Sawyer 1363 C)
Serotonin neurons Effect of MDMA on and PET findings (Holland 592 C) (McCann et al 592 C) (Morgan 1268 C) (Reed et al 1268 C) (Klugman et al 1269 C) (Kuikka and Ahonen 1269 C) (Jansen and Forrest 1270 C) (McCann et al 1270 C)
Serotonin transporter Reduced binding in MDMA users (Morgan 1268 C) (Reed et al 1268 C) (Kuikka and Ahonen 1269 C) (Jansen and Forrest 1270 C) (McCann et al 1270 C)
Sessler D I (336 L)
Seventh-Day Adventists Lung cancer association with air pollution (Moore 729 N)
Sewage Enterohaemorrhagic *Escherichia coli* isolation (Höller et al 2039 R)
Sex chromosome Anomalies after intracytoplasmic sperm injection due to non-random positioning of chromosomes in sperm (Luetjens et al 1240 R)
Sex differences Absent in CD4 to HIV-1 RNA viral load ratio (Moore et al 463 R); HIV-1 viral load and progression to AIDS (Junghans et al 589 C) (Moroni et al 589 C) (Farzadegan et al 590 C) (Foulkes and Deyton 590 C); Suicide trends in England/Wales (Gunnell et al 556 R); Tuberculosis control (Diwan and Thorson 1000); See *also* Women
Sex education As key to AIDS control in Brazil (Csillag 2221 N)
Sex ratio After exposure to dioxin-like chemicals in Taiwan (Rogan et al 206 R)
Sexual behaviour In young travellers (Abdullah et al 595 C) (Mulhall 595 C)
Sexual discrimination Affirmative action needed over in *The Lancet* (Sfeir and Granich 1104 C) (Schindl and Birner 1712 C)
Sexual dysfunction After surgery for rectal cancer (Banerjee 1900 Com); With protease inhibitors (Martínez et al 810 R) (Colebunders et al 1802 C)
Sexual function Reduced after menopause (Greendale et al 573 S)
Sexual health Services, specialists and funding authority decision in New Zealand (Coney 733 N)
Sexual intercourse Definition survey and sacking of editor-in-chief (G Lundberg) of *JAMA* (Horton 252 Com) (Minuth 1104 C) (Shiwach 1104 C)
Sexually transmitted diseases (STDs) Control in HIV infection prevention and influence of stage of HIV epidemic (Uganda/Tanzania) (Hitchcock and Fransen 513 Com) (Wawer et al 525) (Kvåle 1522 C) (Nicoll et al 1522 C) (Matthys and Boelaert 1523 C) (Wawer et al 1523 C); Prevention and control in developing countries (Hitchcock and Fransen 513 Com); Treatment and AIDS prevention in Tanzania (Stevenson 217 N) (Hitchcock and Fransen 513 Com)
Sherrington C S (Raju 76)
Shiga toxin Encoded by lysogenic phage of *Shigella sonnei* (Beutin et al 1498 R); Type 2, induction in *Escherichia coli* O157 by 4-quinolones (Kimmitt et al 1588 R)
Shigella dysenteriae Toxin gene transduced to *Shigella sonnei* by phage (Beutin et al 1498 R)
Shigella sonnei Lysogenic phage encoding gene for Shiga toxin (Beutin et al 1498 R)
Shigellosis Flies as vectors and control (Levine et al 1020 C)
Short stature BMI changes and weight monitoring in children (Voss and Mulligan 413 C) (Cole et al 1188 C) (Voss and Mulligan 2070 C)
SHOT scheme (Serious Hazards of Transfusion) Report (904 N)
Shoulder Non-invasive evaluation after stroke (Price et al 298 R)
Sialic acid Prediction of diabetes mellitus and (Schmidt et al 1649)
Sickle-cell disease Prevention by in-vitro fertilisation and preimplantation genetic diagnosis (1682 N); Treatment and comprehensive care (Morris 1504 N)
Sickle-cell trait Splenic crisis at high altitude (case report) (Wrenn et al 1760)
Sierra Leone Asylum seeking in UK after torture (Lawson 1365 C); Atrocities and emergency medical interventions (Allan 991 N)
Siesjo B K (1026 L)
Sigmoidoscopy Flexible, colorectal cancer screening (Midgley and Kerr 393 S)
Signal transduction Integrins role (Etzioni 341 Com); Outside-in and inside-out (Etzioni 341 Com)
Sildenafil (Viagra) Approval in Japan and uproar over lack of oral contraceptive approval (Watts 819 N); Authorisation in Japan (478 N); Impotence management and missed diagnoses concern (Garg et al 375 R); Possible interaction with HIV combination therapy (Nandwani and Gourlay 840 C) (Hall and Ahmad 2071 C); Retinal side-effects but no cause for alarm (Zrenner 340 Com) (Vobig et al 375 R) (Vobig et al 1442 C); Unlawful advice from DoH on instructions to doctors (1950 N); Use restricted in UK (Mitchell 1687 N)
Silicone breast implants see Breast implants
Simian immunodeficiency virus (SIV) HIV-1 vaccine candidate based on (Morris 471 N)
Simvastatin Cross-toxicity with atorvastatin absent (Nakad et al 1763 R); Little effect on homocysteine levels (de Lorgeril et al 209 R) (Landray et al 1974 C); Thrombotic vascular events after change to fluvastatin (Ikeda et al 844 C) (Thomas 844 C) (Weiss and Heckbert 844 C) (Wierzbicki et al 845 C)
Singapore Carbapenem-hydrolysing IMP-1 ß-lactamase in *Klebsiella pneumoniae* (Koh et al 2162 C)
Single nucleotide polymorphisms (SNPs) Database to be developed by SNP Consortium (Bonn 1684 N); Mapping consortium (1340 N)
Sinus rhythm Analysis in mortality prediction after myocardial infarction (Macfarlane 1377 Com) (Schmidt et al 1390)
SIrUS (superfluous injury, unnecessary suffering) project (Chaloner and Ryan 2078 C)
Skiing accidents Peroneal nerve injuries from ski edges (Wechselberger et al 753 C)
Skin Leukaemia inhibitory factor expression in amyotrophic lateral sclerosis (Hu et al 2126 R)
Skin allergy Dyes for lingerie association (2050 N)
Skin cancer Retinoic acid as possible preventive (Moore 1161 N)
Skin grafts Alternatives for severe burns (Senior 1248 N)
Sleep Deprivation vs rested surgeons (randomised trial) (Altschuler 501 C); Sudden attacks of sleepiness with dopamine agonists (Senior 2043 N); Timing and circadian rhythms (Morris 990 N)
Sleep apnoea Continuous positive airway pressure treatment (randomised trial) (Polo 2086 Com) (Jenkinson et al 2100); Sham CPAP for placebo-controlled studies (Farré et al 1154 R); See *also* Obstructive sleep apnoea
Sleep paralysis Anxiolytics associated (Larkin 1334 N)
Sleepiness Daytime, in obstructive sleep apnoea with COPD (case report) (Steiner et al 204)
Sleeping sickness see African trypanosomiasis
Small intestine Resection and hypovitaminosis D due to fat malabsorption and presenting with muscle weakness/bone pain (case report) (Mingrone et al 806); Ultrasonography, after oral anechoic contrast solution (Pallotta et al 985 R)
Small-cell lung carcinoma Lambert-Eaton myasthenic syndrome in and favourable prognosis (Maddison et al 117 R)
Smallpox Threat, vaccine shortage and smallpox virus stock debate (1539 E); Vaccine stocks and bioterrorism concerns (Frankel 734 N) (1539 E)
Smallpox virus Planned destruction of US stocks delayed (1508 N); World Health Assembly resolution for temporary retention of stocks (McGregor 1863 N)
Smith M Work on reducing Canada's brain drain (Ferry 216 N)
Smoking Acute appendicitis association (Montgomery et al 379 R) (Catalan 1711 C) (Montgomery et al 1711 C) (Butland and Strachan 1712 C); Anti-tobacco measures in Canada (Groman et al 466 R); *CYP2A6* allele relationship and lung cancer risk (London et al 898 R) (Idle 2073 C); Disbelief over support for humanitarian projects by Spanish manufacturer (Bosch 305 N); Effect in ulcerative colitis (Montgomery et al 379 R); Incidence in Kuwait (Kandela 1249 N); Maternal, tobacco metabolites in neonatal urine and cancer implications (Senior 905 N); Passive see Passive smoking; Warnings for teenagers (Bonn 1333 N); WHO agenda (McMenemy 1688 N); See *also* Cigarettes; Tobacco
Smoking cessation Bupropion hydrochloride reaction (Senior 384 N); Dopamine transporter gene (*SLC6A3*) allele 9 association (Senior 384 N); Nicotine patches containing buproprion (905 N); Smoke-free 21st century called for (meeting) (Bosch 909 N); Vegetable-based cigarettes as harmful aid (Groman et al 466 R)
Smooth muscle cells In pulmonary hypertension (Higenbottam et al 338 Com)
Snake venoms Therapeutic uses (Senior 1946 N)
Snoring Respiratory failure in obstructive sleep apnoea and COPD presenting as dementia and (case report) (Steiner et al 204); Sound intensity and harmful effects (Larkin 989 N)
SNP Consortium Single-nucleotide polymorphism database to be developed (Bonn 1684 N)
Social class Coronary artery disease in India and (Singh et al 154 C)
Social implications Of ageing and gains in quality life-years (421 E)
Social phobia Symptom improvement with fluvoxamine (Larkin 1595 N)
Social rights Human rights confusion (Staples 1626 C)
Social theory Fall of modern medicine (Kleinert 2092 Com)
Society Changes affecting health in future (Alley sl1); Response to illness and health (Chard et al 486) (Chard et al 487) (Corrigan and Luchins 2163 C)
Socioeconomic factors Hospital admissions for gastrointestinal infections and (Olowokure et al 807 R)
Socioeconomic status Atopy prevalence variations (Strachan 1458 Com); Colorectal cancer stage at presentation (McGurk 240 C) (Gun 409 C)
Sociology Modern health care and (Chard et al 486) (Corrigan and Luchins 2163 C)
Sodium channel β and γ subunit genes linked to systolic blood pressure and confirmation needed for role as hypertension genes (Colhoun 1200 Com) (Wong et al 1222) (Wong et al 2245 C) (Wang 2245 C)
Sodium valproate Carnitine deficiency in epileptic due to and presenting with abdominal pains (case report) (Shuper et al 1238); Hyperammonaemia in ornithine transcarbamylase deficiency (Ellaway et al 1408)
Solvents, organic Use in pregnancy and congenital malformation risk (Mitchell 1071 N)
Somatic cloning Lymphoid hyperplasia after and implications (Renard et al 1489)
Somato-sensory evoked potentials Outcome prediction in cerebral hypoxia after cardiopulmonary resuscitation (Schreiner and Pohlmann-Eden 750 C)
Somatotropin, recombinant see Bovine somatotropin, recombinant
Soranus of Ephesus Migraine aura knowledge (Blau 678 C)
South Africa AIDS crisis after failure of government health campaigns (Baleta 653 N); AIDS as notifiable disease (Baleta 1599 N); Anti-AIDS worker killed leading to concerns over stigma of HIV and epidemic size (Baleta 130 N); Budget increase for AIDS campaigns (Baleta 822 N); Clinical trials of Virodene not approved (Baleta 125 N); Donation for AIDS research rejected (Baleta 2135 N); Drug control law abolished prematurely after unrestricted trading started (Baleta 2049 N); Elections and new president (Baleta 2135 N); High rates of asbestos-related diseases (Bonn 1336 N); Journalist's rape (Baleta 1340 N); Liability claim against asbestos mine company (1686 N); New health minister (2222 N); Pregnant volunteers for zidovudine project (Baleta 219 N); Tobacco Free World award to Health Minister (Baleta 1863 N); Zidovudine debate after pre-election supply in Western Cape (Baleta 908 N); Zidovudine price controversy with pharmaceutical companies (Baleta 1685 N)
South America Measles eradication (Frankel 1424 N)
South Korea Human cloning trial met with public outrage and scepticism (Watts and Morris 43 N) (81 E)
South West Oncology (SWOG) Protocol Cervical cancer treatment (Monaghan 1288 Com)
Southall D Inquiry over continuous negative extrathoracic pressure trial by and informed consent issues (685 E)

Soy-bean oil Withdrawal of breast implants containing (UK) (Bradbury 903 N)
Space Haemopoietic, thrombopoietic and vascular endothelial growth factors (Gunga et al 470 R) (Gunsilius et al 1529 C)
Spain Domestic violence guidelines (Bosch 1687 N); Drug expenses curbed in Catalonia (Bosch 654 N); Free milk for HIV-infected infants in Catalonia (Bosch 1506 N); Genetically modified food to be approved (1078 N); Health services preparation for year 2000 (Bosch 1338 N); Humanitarian projects supported by cigarette manufacturer and smokers to outrage of professionals (Bosch 305 N); Influenza outbreak crisis (Bosch 220 N); Invasive aspergillosis outbreak (Bosch 131 N); Junior doctors strike against specialist proposals (Bosch 1687 N); LAAM approved for opiate addicts as alternative to methadone (Bosch 1252 N); Legal reform to health professional responsibility and lawsuits against doctors (Bosch 49 N); Limit/ban on violet videogames/toys called for (1424 N); Organ donation increase (Bosch 476 N)
Specialists Evidence-based medicine role (Culpepper and Gilbert 830); Junior doctors strike against proposals in Spain (Bosch 1687 N)
Speech Brain regions involved and role of Broca's area (Donnan et al 1031 Com) (Wise et al 1057); Capacity of Neanderthals and hypoglossal canal in monkeys and man (Larkin 649 N)
Spelling device For use in total paralysis (1072 N)
Spemann H (Raju 332)
Sperm Freezing-thawing effects (Steele et al 516 Com); Human, growth in rodents (648 N); Non-random chromosome positioning and sex chromosome anomalies after intracytoplasmic sperm injection (Luetjens et al 1240 R)
Spermatocytes Culture *in vitro* for azoospermia treatment (Steele et al 516 Com) (Tesarik et al 555 R) (Foresta et al 1707 C) (Tesarik et al 1708 C)
Spermatogenesis Blocked by male contraceptive (Bonn 302 N); Premeiotic arrest overcome by *in vitro* culture (Steele et al 516 Com) (Tesarik et al 555 R) (Foresta et al 1707 C) (Tesarik et al 1708 C)
Spina bifida Fetal surgery (Magram 406 C) (Sobkowiak 406 C) (Tulipan and Bruner 406 C) (Adzick et al 407 C)
Spinal cord β-Endorphins delivery by gene therapy vectors (Mitchell 1595 N); Stimulation in critical limb ischaemia (randomised trial) (Klomp et al 1040)
Spinal cord stimulation Chronic pain management (Ashburn and Staats 1869)
Spinal surgery Trials needed (Clark 988 N)
Spirituality Religion and medicine and interests in connections (Sloan et al 664) (Rabin 1803 C) (Roper 1803 C) (Tucker 1803 C) (Keonig 1804 C)
Spleen Spontaneous rupture during peripheral stem-cell mobilisation in healthy donor (Falzetti et al 555 R)
Splenic crisis In sickle-cell trait at high altitude (case report) (Wrenn et al 1760)
Spondyloarthropathy Classification criteria (McGonagle and Emery 671 C) (Braun and Sieper 1526 C) (McGonagle et al 1526 C)
Sporadic inclusion-body myositis (s-IBM) Methionine homozygosity at prion gene codon 129 predisposing to (Lampe et al 465 R)
Sport Detection of doping with human growth hormone (r-hGH) (Wu et al 895 R) (Jenkins 1532 C); Failure of androstenedione (body-building supplement) to strength muscles and adverse health effects (Birchard 1943 N); Knee injuries and osteoarthritis relationship (Cooper and Coggon 2177 Com)
Squamous cell carcinoma Lichen sclerosus association (Powell and Wojnarowska 1779 S)
Squamous intraepithelial lesion (SIL), cervical Management (Cox 857 Com) (Tjalma 1973 C)
Staphylococcus aureus MRSA and heterogeneous resistance to vancomycin and vancomycin use in surgical infections (Ariza et al 1587 R); Vancomycin-resistant, first US report (731 N)
STAR (Study of Tamoxifen and Raloxifene) Initiation of study (Senior 2131 N)
Starvation In North Korea (Watts 908 N); North Korea (Watts 1773 N)
Stasi secret police East Germans' memories (Glass 304 N)
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Switzerland Controlled clinical evaluation of diacetyl morphine (heroin) in intractable opiate dependence (Drucker and Vlahov 1543 Com); Heroin distribution law (2137 N); Incidence and case-fatality rate of status epilepticus in Canton of Geneva (Jallon et al 1496 R); Medical care costs and NovoSeven drug costs (McGregor 910 N)

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Systolic blood pressure Gene linkage of β and G subunit of sodium channel and confirmation needed for role as hypertension genes (Colhoun 1200 Com) (Wong et al 1222) (Wang 2245 C) (Wong et al 2245 C)

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Tacrolimus FDA refusal for use in bone marrow transplants (305 N); In refractory polymyositis with interstitial lung disease (Oddis et al 1762 R); In transplantation (Denton et al 1086)

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Tegafur and uracil (UFT) CMF vs in breast cancer and concerns over trial in Japan (Aoki 1019 C) (Watanabe 1019 C) (Kawabata and Ueno 2077 C)

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Thailand AIDS vaccine trial (Bradbury 565 N); FDA clampdown on Kwao Kruea tablets (2050 N); Melioidosis in and concerns for tourists (Dance et al 208 R) (Torrens et al 1016 C); Short-course zidovudine for prevention of perinatal HIV infection (randomised trial) (Mofenson 766 Com) (Shaffer et al 773); Two-pronged approach on AIDS (Berman 1600 N)

Thalamus High frequency stimulation, stereotactic treatment of Gilles de la Tourette syndrome (Vanderwalle et al 724 R); Small, in group at high risk for schizophrenia (Harrison 3 Com) (Lawrie et al 30)

Thalassaemia Deferiprone trial and pharmaceutical industry vs academia and clinical science (Nathan and Weatherall 771 Com) (Mansour 1888 C)

Thalidomide Teratogenic mechanism (Moore 1503 N); In toxic epidermal necrolysis (Klausner et al 324 C) (Levy 324 C)

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Third Stroke Prevention in Atrial Fibrillation (SPAF-III trial) Low intensity warfarin and aspirin use (Lip 4 Com) (1978 correction)

Thoracic arteries Lateral, ultrasound for breast cancer detection (Obwegeser et al 1938 R)

Thousand Families study Reanalysis of relation of mothering skills and infant health (Parker et al 1151 R)

Throat pain Unilateral in tonsillar cancer (case report) (Salib et al 2124)

Thrombectomy Deep-vein thrombosis treatment (Lensing et al 483 S)

Thrombin Generation inhibition by aspirin and glycoprotein IIIa polymorphism effect (Undas et al 982 R); Increased generation associated with acquired activated protein-C resistance in pregnancy (Clark et al 292 R) (Kluft et al 1882 C); New inhibitors (Hirsch and Weitz 1433)

Thrombocytopenia Glycoprotein IIb-IIIa receptor antagonists and (Stiegler et al 1185 C); Heparin-induced, neurological complications (Pohl et al 1678 R)

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Thrombolytic therapy In acute coronary syndromes (Verheugt sl121); Deep-vein thrombosis treatment (Lensing et al 483 S) (Malhotra 1708 C); From snake venoms (Senior 1946 N); Prehospital (Simoons et al sl12); Underuse in elderly myocardial infarction patients (Gollub 940 Com) (Barakat et al 955); See also Antithrombotic treatment

Thrombomodulin Coronary heart disease and carotid artery atherosclerosis prediction (Nawroth and Häring 1722 Com) (Salomaa et al 1729); Increased synthesis and relevance to coronary heart disease (Nawroth and Häring 1722 Com) (Salomaa et al 1729); Recombinant (Hirsch and Weitz 1433)

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Thromboprophylaxis For non-valvular atrial fibrillation (Lip 4 Com) (Dalton 756 C) (Lip 1620 C) (1978 correction); In pregnancy and puerperium (Greer 1263)

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Thrombosis series (Choo 1118); Antiphospholipid antibodies and thrombosis (Greaves 1348); New antithrombotic agents (Hirsh and Weitz 1431) (1804 correction); Thrombosis in pregnancy (maternal and fetal issues) (Greer 1258); Venous thrombosis, a multicausal disease (Rosendaal 1167) (Iturbe et al 2158 C) (Verougstraete 2158 C)

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Thyroid carcinoma Familial papillary microcarcinoma (Lupoli et al 637) (Fernández-Real and Ricart 1973 C)

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Tobacco companies To be sued by French health insurance fund (Durand de Bousingen 734 N)
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***Trans*-fatty acids** Intake and prevalence of childhood asthma and allergies (Weiland et al 2040 R)
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Translational research EORTC conference focus (Ashraf 1164 N); Laboratory results to clinic (855 E) (Dieppe et al 1626 C) (Warlow et al 2250 C)
Transmissible spongiform encephalopathies Epidemic in sheep/goats in Italy (Agrimi et al 560 R); Prophylactic pentosan polysulphate (Farquhar et al 117 R) (Deli et al 1272 C)
Transmyocardial laser revascularisation (TMLR) In refractory angina and randomised trial with pessimistic results (Prêtre and Turina 512 Com) (Schofield et al 519) (Horvath and Kadipasaoglu 1704 C) (McMurray 1704 C) (Lansing 1705 C) (Moosdorf 1705 C) (Hetzer and Krabatsch 1706 C) (Schofield et al 1706 C) (1714 correction)
Transplantation Autologous, in multiple myeloma (Gahrton 85 Com); First heart and liver transplants in Japan (Watts 821 N); Gene therapy (Denton et al 1089); Of hand in US (384 N); Immunosuppressive strategies (review) (Denton et al 1083 N); Keratinocytes and use of autologous serum for keratinocyte culture (Smola et al 641 R); Kuwaiti programme (Kandeia 1249 N); Living donor, right lobe of liver and kidney (Marujo et al 641 R); Of mesenchymal progenitor cells for osteogenesis imperfecta (Bradbury 815 N); Organ donation campaign for Asian community in UK (Ashraf 821 N); Organ donation increase in Spain (Bosch 476 N); Organ donation law in Italy (569 N); Organ donation without consent in India (Sharma 1076 N); Organ Donor Awareness Trust Fund (Pennsylvania, US) (2085 E); Pennsylvania plan for financial incentives for organ donations (2085 E); Pulmonary inflammation in organ donors after nontraumatic brain injury (Fisher et al 1412 R); Tolerance induction (Denton et al 1089); UK surgeons warning over future and lack of surgeons and donor organs (Ashraf 476 N); See also *individual organs/tissues*
Trauma Avulsion of occipital bone by airbags (Hansen et al 1409 R); Blunt head injury associated with widespread water-diffusion changes (Wieshmann et al 1242 R); Cycling safety improved after *The Lancet* report (Nehoda et al 1192 C)
Travel Long journeys and deep-vein thrombosis link (Moore 648 N)
Travellers Sexual behaviour in young and sexual health promotion (Abdullah et al 595 C) (Mulhall 595 C)
Tremacamra Rhinovirus receptor blocked and trial of use in common colds (Senior 1769 N)
Tremor Essential, overdiagnosis (Schrag et al 1498 R)
Triage Chest pain (Simoons et al sII1)
***Trichuris trichiura* infection** Albendazole treatment (Beach et al 237 C) (Savioli 237 C) (Forrester et al 238 C)
Triclosan Resistance mechanisms (Larkin 1160 N)
Tricyclic antidepressants SSRI comparison (McCarthy 1073 N)
Trilucent Withdrawal of breast implants in UK (Bradbury 903 N)
Trimethoprim Fasting plasma homocysteine (758 correction)
Trimethoprim-sulphamethoxazole Early chemoprophylaxis in HIV-1 infection in Côte d'Ivoire (randomised trials) (Anglaret et al 1463) (Wiktor et al 1469) (2078 correction)
Triosephosphate isomerase deficiency Enzyme-replacement therapy (Ationu et al 1155 R)
Triptans Headache after frequent use (Limmroth et al 378 R) (Limmroth et al 1363 C) (Mathew 1363 C) (Minton and Sawyer 1363 C)
Triptolide As male contraceptive (Bonn 302 N)
Troglitazone New FDA labelling and warning (Ault 2221 N); Support for ban reduced and benefits outweigh risks (Ault 1161 N)
"Trojan proteins" Use for new drugs (McCarthy 2134 N)
Tropheryma whippelii PCR-positive tests without evidence of Whipple's disease (Ehrbar et al 2214 R)
Tropical countries Encouragement of high-quality clinical research (Eddleston 1190 C) (Wolffers and Adjei 2248 C)
Tropical medicine Wellcome Trust research unit opened in Malawi (Winstanley 388 N)
Tropical spastic paraparesis HTLV-1 associated (Manns et al 1954 S)
Troponins Risk stratification in acute coronary syndromes (Kloctwijk and Hamm sII12)
Trovafloxacin Liver injury warning by EMEA (1948 N)
Trypanosomiasis African see African trypanosomiasis
TT virus Misleading use of acronym (Zuckerman 932 C)
TTV see Transfusion transmitted virus (TTV)
Tuberculosis Chemoprophylaxis and vaccination (Donald 1001); Cluster studies and transmission by smear-negative (acid-fast bacilli) patients (Godfrey-Faussett 427 Com) (Behr et al 444) (Bonora et al 1442 C) (Kato-Maeda et al 1709 C) (1714 correction); Control and sex differences (Diwan and Thorson 1000); Decline in serum IgE after treatment (Adams et al 2030); Delay over treatment initiation in US (Mitchell 904 N); Directly observed treatment (DOT) see Directly observed treatment (DOT); First-line therapy and drug-resistant *M tuberculosis* in prisons (Coninx et al 969) (Coninx et al 2244 C) (Trébucq 2244 C); HIV-related and rifamycin monoresistance after once-weekly rifapentine and isoniazid treatment (Vernon et al 1843); HIV/AIDS and, threat in Africa (Chintu and Mwinga 997); Prevention in children/adolescents (Donald 1001); As real millennium bug (McConnell 946 Com) (Windus 995); Screening by periodic chest radiography not recommended (Mangura and Reichman 319); Susceptibility trial planned (1072 N); WHO warning (Kapp 2222 N); WHO warning for air passengers (305 N); World TB Day, DOTS and control strategies (McConnell 946 Com) (Grange and Zumla 996)
Tuberculosis Progress Report (McConnell 946 Com); African perspective on tuberculosis and HIV/AIDS threat (Chintu and Mwinga 997); Children and TB (Donald 1001); Donor's perspective on TB in international health (Health and Population Division, Department for International Development 1006); DOTS strategy successes (Chowdhury 1003); Multidrug resistance threat (Gleissberg 998); Paradox of global emergency of tuberculosis (Grange and Zumla 996); Post DOTS and post genomics, future TB control strategies (Pym and Cole 1004); Russia and DOTS (Banatvala et al 999); Sex, gender and TB (Diwan and Thorson 1000); Too Late (art) (Windus 995)
β-Tubulin Gene mutations and mechanism of tumour resistance to paclitaxel (Bosch 2044 N)
Tumorigenesis By ß-carotene supplements (McCarthy 215 N)
Tumour cells Immune stimulatory genes introduction (Rowe 2133 N)
Tumour chemosensitivity assay (TCA) Ovarian cancer trial and support for non-competitive (drug) trials (855 E)
Tumour necrosis factor α (TNFα) Antibodies/blockade in Crohn's disease treatment (Hodgson 425 Com) (Schreiber et al 459); Crohn's disease relapse (Hodgson 425 Com) (Schreiber et al 459); Inhibition by etanercept and FDA warning on severe infections with (Ault 1770 N); Inhibition of production by pravastatin (Rosenson et al 983 R) (Ikeda and Shimada 2070 C); Monoclonal antibodies see Infliximab; Monoclonal antibody treatment for fistula closure in Crohn's disease (McCarthy 1683 N); In non-alcoholic steatohepatitis (James and Day 1634 Com); Pamidronate-induced bone pain in cystic fibrosis and (Teramoto et al 750 C) (Haworth et al 1886 C)
Tumour suppressor gene Ataxia telangiectasia gene as and inactivation in chronic lymphocytic leukaemia (Reis 3 Com) (Stankovic et al 26) (Bevan et al 753 C) (Vorechovsky et al 1276 C)
Tumour-necrosis-factor-related activation-induced cytokine (TRANCE) In osteoporosis (Bonn 1596 N)
Tumours Behaviour studies by fractals method (Bosch 44 N); Freely-moving, in peritoneal cavity (Janzen et al 1801 C); Real-time tumour-tracking radiotherapy (RTRT) (Shirato et al 1331 R); As urinary diversion complication (Mundy 1813 Com); See also Cancer
Turkey Doctor charged over torture reports (Morris 909 N); Doctor's trial adjourned (1508 N); Forensic doctor's trial adjourned (Morris 1164 N)
Twinning Maternal risk of ovarian cancer (Lambe et al 1941 R)
Twins Folic acid supplements not associated (Mathews et al 291 R); Genetic basis for alcohol dependence (Bonn 213 N); Genetic link to disc degeneration (649 N); Monozygous and differences between twins (Gringras 562 R) (Stevenson 1359 C); Parkinson's disease (Larkin 566 N)
Typhoid fever Healthy carrier concept (history) (Mortimer 1354) (Marr 1714 C) (McLarty and Dance 2246 C)
Typhus Epidemic typhus (Brill-Zinsser disease) in France (Stein et al 1936 R)

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UFT/CMF trial Concerns in Japan (Aoki 1019 C) (Watanabe 1019 C) (Kawabata and Ueno 2077 C)
Uganda AIDS vaccine trial (Bradbury 565 N); HIV infection prevention by STD control and influence of stage of HIV epidemic (Hitchcock and Fransen 513 Com) (Wawer et al 525) (Kvåle 1522 C) (Nicoll et al 1522 C) (Matthys and Boelaert 1523 C) (Wawer et al 1523 C)
UK Beef-on-the-bone ban to continue (Ramsay 389 N); Campaign for teenage pregnancy reduction (2137 N)

(Scally 2178 Com); Cultural basis for different recommendations in France for women at risk of breast and ovarian cancer; Cultural basis for different recommendations for women at risk of breast and ovarian cancer (Eisinger et al 919) (Chang et al 2070 C) (Berer 2071 C); Decline in coronary heart disease and National Heart Forum (McMenemy 1598 N); Department for International Development and TB control (Health and Population Division, Department for International Development 1006); Disability benefit cut despite protests (Ashraf 1863 N); Draft freedom of information bill and exemptions (Ashraf 1950 N); Geographical inequalities in provision of GPs in England and Wales (Gravelle and Sutton 931 C) (Leigh 931 C); GP not guilty of murdering patient (1686 N); Health care provisions for asylum seekers and refugees (Hargreaves et al 1497 R); Heroin epidemic warning (Dean 1947 N); High-security psychiatric hospital condemned by inquiry (Ramsay 218 N) (251 E) (Johnson 931 C); Inquiry into health effects of nuclear testing (Tattam 299 N); Landmine ban and destruction (736 N); Licence for interferon beta-1b for secondary progressive multiple sclerosis (478 N); Medical expert witnesses (Brahams 1380 Com) (English 1422 N) (Irwin 2076 C) (Weintraub 2076 C); Melioidosis in (Dance et al 208 R) (Peltroche-Llacsahuanga and Haase 1016 C) (Torrens et al 1016 C); Meningitis notifications (Moore 816 N); Multiple sclerosis treatment provisions (Compston 1710 C); New clinical negligence case rules (Brahams 1380 Com) (English 1422 N) (Irwin 2076 C) (Weintraub 2076 C); NHS costs and misleading government information (Kernick 413 C); Organ donation campaign aimed at Asian community (Ashraf 821 N); Population requirement for hip replacement surgery (Frankel et al 1304) (Dawson et al 2161 C); Public trust in doctors (384 N); Response to cannabis debate (Ashraf 1077 N); Revalidation of doctors see Doctors; Sex differences in suicide trends in England/Wales (Gunnell et al 556 R); Sildenafil (Viagra) use restricted (Mitchell 1687 N); Suicide trends (Boëlle and Flahault 1364 C); Unlawful advice on sildenafil prescribing (1950 N); Violence by mentally ill (statistics) (127 N); Vitamin B6 sale restrictions over safety concerns (Morris 1859 N); See also Dispatches; National Health Service (NHS)

UK Expert Maternity Group *Changing Childbirth* report (MacArthur 343 Com)

UK Food Ethics Council Recommendations, funding and report (Ashraf 2220 N)

UK Foundation for the Study of Infant Deaths Sudden infant death syndrome confusion with infanticide (161 E) (Davis 749 C) (de Meer 749 C)

UK Law Society Campaign against ending of legal aid for injured (Mitchell 1599 N)

UK National Air-Ambulance System Launch (Coats and Goode 1292 Com)

UK Prospective Diabetes Study (UKPDS) ACE inhibitors *vs* conventional antihypertensive therapy and effect on cardiovascular mortality (Cutler 604 Com) (Hansson et al 611) (Ewart 1882 C); Changes in trial organisation and data re-analysis (Ewart 1882 C)

UK Small Aneurysm Trial Early elective surgery *vs* ultrasonographic surveillance (Collin 407 C) (McCleary and Mahomed 408 C) (Scott 408 C) (Powell and Greenhalgh 409 C)

UK Trial of Early Detection of Breast Cancer (TEDBC) Follow-up results (Dickersin 1896 Com) (UK Trial of Early Detection of Breast Cancer Group 1909)

UKPDS see UK Prospective Diabetes Study (UKPDS)

Ulcer Perianal, visceral leishmaniasis causing (case report) (Schmid et al 894) (Meis et al 1881 C)

Ulcerative colitis Acute exacerbation due to CMV infection and Medline database use in diagnosis (case report) (Schattner et al 462); Appendicectomy (Rampton 674 C) (Schattner 674 C); Smoking effect (Montgomery et al 379 R)

Ultrasensitive fluorescence-in-situ hybridisation (UFISH) HIV-1 treatment monitoring (Patterson et al 211 R)

Ultrasonography Cell membrane porosity induction (Tachibana et al 1409 R); Diagnosis of fetal growth restriction and implications (Bobrow and Soothill 1460 Com) (Mongelli and Gardosi 2156 C); Of lateral thoracic arteries for breast cancer detection (Obwegeser et al 1938 R); Non-invasive diagnosis of cirrhosis by transit-time analysis of contrast agent (Albrecht et al 1579); Non-invasive diagnosis of venous thromboembolism (Perrier et al 190) (Roy et al 1446 C); Ovarian cancer screening pilot trial (Jacobs et al 1207); Small bowel, after oral anechoic contrast solution (Pallotta et al 985 R); Surveillance of abdominal aortic aneurysm *vs* early elective surgery (Collin 407 C) (McCleary and Mahomed 408 C) (Scott 408 C) (Powell and Greenhalgh 409 C)

Ultraviolet light Retinoid receptor reduction and topical retinoic acid in skin cancer prevention (Moore 1161 N)

Umbilical artery Absent end-diastolic flow (AEDF) and abnormal waveforms (FVWs), effect of antenatal betamethasone administration (Wallace and Baker 1404) (Montenegro 2073 C)

UN High Commissioner for Refugees (UNHCR) Response to humanitarian crisis in Balkans (Morris 1423 N)

UNAIDS Meeting and largest number of HIV-infected people in India (Kumar 48 N); Prevention of AIDS as best hope (1078 N)

UNICEF Humanitarian aid for children dangerously low (Kumar 820 N)

United Arab Emirates Health and wealth in (Kandela 2047 N)

United Nations Gender coordinating unit for Afghanistan (Morris 477 N); Prescribing practices criticised (Morris 820 N)

United Nations International Drug Control Programme (UNIDCP) Health threat from drug abuse in south Asia (Kumar 651 N)

Universal Declaration of Human Rights (UDHR) Labour rights (Holtz 923) (Staples 1626 C)

Urbanization Yellow fever in Bolivia (Monath 1541 Com) (Van der Stuyft et al 1558)

Urea Removal by haemodialysis (Mallick and Gokal 740 S)

Urinary diversion Bladder replacement (Neal sl24); Metabolic complications (Mundy 1813 Com)

Urinary incontinence After menopause (Greendale et al 572 S); After radical prostatectomy (Feneley and Walsh 2091 Com); Undertreatment and current treatments (Morris 128 N)

Urinary tract infections (UTI) After menopause (Greendale et al 572 S); Prevention of recurrent infections in women (Stapleton 7 Com) (Kerr 673 C); Recurrent, cranberry juice for prevention (Kerr 673 C); Risk and circumcision in neonates (Fischbacher 669 C) (Dalton 670 C) (Van Howe and Cold 670 C)

Urine Dipstick test unreliability for diagnosis of molybdenum cofactor deficiency (Simmonds et al 675 C) (Waring and Maxwell 675 C); Drinking and gynaecomastia due to raised oestradiol levels (case report) (Vierhapper and Nowotny 640); Neonatal, tobacco metabolites in after maternal smoking (Senior 905 N); Telomerase as screening test for bladder cancer (Bradbury 383 N)

Urokinase FDA warning (478 N); Recall urged by pressure Health Research Group (Ault 652 N)

Uropathogens Antibiotic resistance in and cystitis treatment (Senior 731 N)

Urothelial papilloma Diagnosis by cytokeratin 20 expression (Harnden et al 974

USA Affirmative action to increase medical student numbers from ethnic minorities (1 E); Anti-abortion activists' trial (569 N); Antibiotic resistance control funding (Rovner 129 N); Bioterrorism threat, budget and response strategies (Frankel 734 N); Blood transfusion recipients at risk of HCV to be identified (Ault 1686 N); Brain drain of Canadian scientists to (Ferry 216 N); Cancer survival trends (Ozonoff and Clapp 1377 Com) (Sharp 1437); Cardiovascular disease rates double (Husten 126 N); Circumcision policy (817 N); Dietary guidelines (2133 N); Duke University Medical Center and Institutional Review Board deficiencies (Greenberg 1773 N); EU opposition to importing of hormone-treated beef from (Birchard 1864 N); Federal funding of research and data disclosure concerns under Freedom of Information Act (1027 E); Federal government's claim to tobacco industry settlement money waived (Rovner 1862 N); Fertility treatment information (1895 E); Hand transplant (384 N); Health care costs and expenditures (Greenberg 387 N); Health insurance bill for disabled persons (2222 N); Health insurers to pay tax to finance training of doctors (Rovner 1166 N); Healthcare reform emphasis in proposed budget and tobacco tax (Rovner 570 N); Healthcare system problems and increase in uninsured (Greenberg 387 N); *Helicobacter pylori* prevalence to reduce in next century (Bhattacharya 1859 N); Hepatocellular carcinoma incidence increased (Bonn 989 N); HIV treatment guidelines (1682 N); HIV-1 infected mother barred from breastfeeding (McCarthy 1506 N); Home care surveillance scheme postponed after protests (Mitchell 1423 N); Hospitalist model and increasing prevalence (Maviglia and Bates 1902 Com); In-vitro fertilisation outcome reporting procedures (Harrigan 1774 N); Increase in health uninsured (Greenberg 387 N) (1776 N); Increased antihypertensive use results in reduced blood pressure and cardiovascular diseases (Mitchell 1503 N); Internet anti-abortionists sued by doctors (Oregon) (Rovner 303 N); Medical supplies delivered to Gaza by company in memory of King Hussein (654 N); Medicare reforms in disagreement and future solvency problems (Greenberg 1075 N); Military personnel punished for refusing anthrax vaccination (Morris 130 N); Needle exchange abandoned by drug projects after conviction (Morris 49 N) (Bellm 930 C); Nursing home bill passed by House (Rovner 994 N); Oregon's assisted-suicide law rarely used (Rovner 821 N); OTC sales of lovastatin planned (Ault and McMenemy 1339 N); Pennsylvania plan for financial incentives for organ donations (2085 E); Public release of research data dispute (Greenberg 2135 N); Smallpox virus stock destruction delayed (1508 N); Vancomycin-resistant enterococci isolation from animal feeds (Schwalbe et al 722 R) (Klopp 1190 C)

Uterine contractions Reduced levels of 5ß-dihydroprogesterone associated (Thornton et al 1327 R)

Uterine leiomyoma Persistent shrinkage after interferon alfa treatment for hepatitis (Minakuchi et al 2127 R)

Uveitis HTLV-1 associated (Manns et al 1955 S)

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Vaccines Cancer, antibody response monitoring with resonant mirror biosensor (Nicholson et al 808 R); Herpesvirus infections reactivation after (Walter et al 810 R); Indiscriminate marketing in India (Sharma 1165 N); New recommendations by US CDC (Wehrwein 478 N); See also specific vaccines

Vagina Microbial ecology and prevention of recurrent UTIs (Stapleton 7 Com) (Kerr 673 C)

Vaginal atrophy Post-menopausal (Greendale et al 572 S)

Van Weel C (2256 L)

Vancomycin In surgical infections due to MRSA with heterogeneous resistance to vancomycin (Ariza et al 1587 R)

Vancomycin-resistant enterococci In imported chickens in Japan (Ike et al 1854 R); Isolation from animal feed in USA (Schwalbe et al 722 R) (Klopp 1190 C); Warning (Mitchell 564 N)

Vancomycin-resistant *Staphylococcus aureus* First US report (731 N)

VANQWISH trial (Verheugt sl117)

Variceal bleeding Bacterial infection in pathogenesis of (hypothesis) (Goulis et al 139) (Goulis et al 140) (Basili et al 1102 C)

Varicella zoster virus Reactivation after vaccinations (Walter et al 810 R)

Variola virus see Smallpox virus

Vas deferens Aplasia, in atypical cystic fibrosis (case report) (Johnson et al 1492)

Vascular development Abnormal in fetal insulin resistance and diabetes after (Hattersley and Tooke 1789)

Vascular disruptive syndrome After misoprostol or chorionic villus sampling (Los et al 843 C)

Vascular endothelial growth factor (VEGF) Angiogenesis induction (in rabbits) (Husten 2132 N); Inhibitor (IM862) in nose drops for Kaposi's sarcoma (McCarthy 1858 N); Renal cancer prognosis (O'Byrne et al 1494 R) (Schwarz 2158 C) (Gunsilius et al 2247 C); In space (Gunga et al 470 R) (Gunsilius et al 1529 C)

Vascular resistance Placental, effect of antenatal betamethasone administration (Wallace and Baker 1404) (Montenegro 2073 C)

Vasculitides Different disorders in brother and sister and relationship of acute haemorrhagic oedema of childhood and Henoch-Schönlein purpura (Gattorno et al 728 R)

Vasculitis Churg-Strauss see Churg-Strauss syndrome; Leucocytoclastic, CMV causing and presentation with rash and knee swelling (case report) (Hogarth et al 978); Renal (Couser 1513 S)

Vasoconstriction In acute coronary syndromes (Fuster et al sl17)

Vasoreactivity In adult life associated with perinatal vascular insult (Sartori et al 2205)

Vegetable-based cigarettes Hazard to health (Groman et al 466 R)

Vena-caval filter Deep-vein thrombosis treatment (Lensing et al 482 S)

Venous thromboembolism Idiopathic, longer anticoagulation duration needed (McCarthy 1159 N); Management in pregnancy (Greer 1262); Maternal, epidemiology (Greer 1258); Non-invasive diagnosis in outpatients (Perrier et al 190) (Roy et al 1446 C); Pathogenesis (Greer 1258); Risk with third-generation oral contraceptives and new advice (Ashraf 1339 N); Warning of risk from third-generation oral contraceptives in New Zealand (909 N)

Venous thrombosis Gene-gene/gene-environment interactions causing (Rosendaal 1167); As a multicausal disease (Rosendaal 1167) (Iturbe et al 2158 C) (Verougstraete 2158 C); Risk factors, prevalence and risk estimates/models (Rosendaal 1167) (Iturbe et al 2158 C) (Verougstraete 2158 C); See also Deep-vein thrombosis; Thrombosis series

Venter C Genome sequencing methods and supercomputer progress on human genome (Larkin 2218 N)

Ventricle Arrhythmogenic right ventricular dysplasia (ARVD) gene mapped (Bonn 45 N); Single (Holmes' heart) and amlodipine treatment (Gabbarini 646 R)

Ventricular premature beats Heart rate turbulence after as predictor of mortality after myocardial infarction (Macfarlane 1377 Com) (Schmidt et al 1390)
Verbal self-monitoring Deficit associated with auditory hallucinations in schizophrenia (Johns and McGuire 469 R)
Vertebral fractures In non-secretory multiple myeloma (case report) (McConnaughey et al 1848)
Verteporfin Age-related macular degeneration treatment trial (Senior 818 N)
Vertigo Hyperlipidaemia as treatable cause (Saadah 591 C)
Very low birthweight infants Low prevalence of atopic eczema (Bührer et al 1674 R)
Viagra *see* Sildenafil
Vibration sense Testing with pagers (Prochazka and McBryde 678 C)
Vibrio cholerae Epidemiology in India (Agarwal and Shukla 2068 C); Serogroup O1 Biotype El Tor, in Madagascar (Duval et al 2068 C)
Video-conferencing New era in health promotion (Tattam 1338 N)
Videoscopic surgery Improvements (Rattner sl12)

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Collaborative initiatives to reduce HIV and maternal mortality (Graham and Newell 836)
Cultural basis for French/UK recommendations for women at risk of breast and ovarian cancer (Eisinger et al 919)
Epidemiology as basis for legislation (Sadetzki and Modan 2238)
Fibromyalgia, flaws in concept (Quintner and Cohen 1092)
HIV-1 clinical trial analysis and statistics (AVANTI Steering Committee 2061)
Human germline gene modification opposition (Billings et al 1873)
Institutional clinical trials in Europe (Cornu 63)
Malarial disaster prevention (White et al 1965)
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VIRADAPT randomised trial Drug-resistance genotyping in HIV-1 therapy (Falloon 2173 Com) (Durant et al 2195)
Viral infections Asthma exacerbations and PEFR characteristics (Reddel et al 364) (758 correction) (Parameswaran et al 1443 C); Mononucleosis and depression link disproved (Senior 214 N)
Virodene New HIV drug trials not authorized (Baleta 125 N)
Visceral pain (Cervero and Laird 2145)
Visible Human Project Support for and advances/benefits (Rowe 46 N)
***Vision 2020: the right to sight* WHO programme** (Morris 820 N)
Visual field defect After interferon alfa-2b for malignant melanoma (Lohmann et al 1326 R)
Visual impairment Sildenafil association (Zrenner 340 Com) (Vobig et al 375 R) (Vobig et al 1442 C)
Visual loss Severe, after interferon alfa-2b for malignant melanoma (Lohmann et al 1326 R); *See also* Blindness
Visual-spatial deficiency In Alzheimer's disease (Senior 1072 N)
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Vitamin B6 For premenstrual syndrome but poor-quality trials (Morris 1859 N); Sale restrictions in UK over safety concerns (Morris 1859 N)
Vitamin B12 Nitrous oxide inactivation of and vitamin B12 deficiency after (Lee et al 554) (Anders and Dearlove 1446 C) (Mayall 1529 C); Replacement therapy and costs (Nyholm 411 C)
Vitamin B12 deficiency Neurological disorders in and spastic paraparesis after nitrous oxide anaesthesia (case report) (Lee et al 554) (Anders and Dearlove 1446 C) (Mayall 1529 C); Oral or parenteral therapy (Freeman 410 C) (nyholm 411 C) (Snowden et al 411 C)
Vitamin D Administration in hypovitaminosis D due to fat malabsorption after small bowel resection (case report) (Mingrone et al 806)
Vitamin E Atherosclerosis treatment (Bradbury 1334 N)
Vitamin supplements In pregnancy and neonatal seizures after pyridoxine (South 1940 R)
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Volatile organic compounds (VOCs) In breath for lung cancer detection (Rizvi and Hayes 1897 Com) (Phillips et al 1930)
Vomiting After chemotherapy and stem-cell transplant and octreotide for (Nordesjö-Haglund et al 846 C); In pregnancy, Marchiafava-Bignami disease associated with thiamine deficiency after (case report) (Hillbom et al 1584) (Chan 2242 C)
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Vulval cancer Lichen sclerosus association (Powell and Wojnarowska 1779 S)

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Waist-chest ratio (WCR) Characteristics of male attractiveness and (Maisey et al 1500 R)
Waksman S A (Raju 1536)
Wales Cancer survival trends (collaborative report) (Ozonoff and Clapp 1377 Com) (Sharp 1437)
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War crimes trial In Austria for doctor (Glass 1421 N)
Warfarin Hyper-responsiveness with cytochrome P450 CYP2C9 mutations (Mannucci 688 Com) (Aithal et al 717) (Aithal et al 1972 C) (Halkin and Lubetsky 1972 C); For non-valvular atrial fibrillation (Lip 4 Com) (Dalton 756 C) (Lip 1620 C) (1978 correction)
Waste incineration Risks of dioxin exposure and (Larkin 1681 N)
Water Drinking, monochloramine disinfection and effect on Legionnaires' disease risk (Kool et al 272); Drinking and potent pressor response elicited (Jordan et al 723 R) (Jordan et al 1971 C) (Senard et al 1971 C); Fluoridation, use of fluoride products with (Horowitz 1462 Com); Hospital supply, *Afipia felis* in associated with free-living amoebae (La Scola and Raoult 1330 R); Increased consumption associated with decreased bladder cancer risk (1682); Safe supplies and European conference (2171 E)
Water sprays Indoor pools and "lifeguard lung" (granulomatous pneumonitis) linked to (Larkin 44 N)
Wealth Adverse effects in United Arab Emirates (Kandela 2047 N)
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C	Correspondence	L	Lifeline
Com	Commentary	R	Research letter
D	Dissecting room	S	Seminar
Es	Essay		

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Antiphospholipid syndrome In Behçet's syndrome (Conti et al 73 C); Diagnostic difficulties (Fernández-Fernández 71 C); Severe multiple organ dysfunction syndrome with (Fernández-Fernández 71 C) (Wiedermann et al 71 C) (Gleicher and Coulam 72 C) (Conti et al 73 C) (Greaves 1031 C) (Grieves 1031 C)
Antiplatelet drugs Secondary prevention of stroke (review) (Hankey and Warlow 1459)
Antipsychotic drugs Side-effects (Santosh and Baird 240 S); Withdrawal from Pakistan and anger/concerns over (Ahmad 846 N)
Antiretroviral drugs For developing countries (Glass 1367 N); Drug-resistant genotyping in HIV-1 therapy (VIRADAPT trial) (Aboulker 1120 C) (Durant et al 1120 C) (Zollner et al 1120 C) (Nannini 1121 C) (Spire and Souville 1121 C) (1128 correction); HIV-1 resistant strain transmission (Cohen and Fauci 697 Com) (Yerly et al 729); New mechanism of resistance by overexpression of MRP4 (Moore 923 N); Paediatric HIV-1 infection (Burns and Mofenson sII1; Perinatal exposure to nucleoside analogue reverse transcriptase inhibitors and mitochondrial dysfunction after (Morris and Carr 1046 Com) (Blanche et al 1084) (Poulton et al 2081 C); Perinatal HIV transmission reduction by nevirapine (McCarthy 309 N); Prices in South Africa and trade deal with US (Baleta 1189 N)
Antisense radiotherapy (Chatal and Hoefnagel 934) (Wheldon et al 1999 C)
Antitumour drugs Indian government sued over release of monkeys used in drug toxicity trials (Kumar 846 N); New paediatric agents predicted for millennium (Parker 1100 N); Thalidomide (Larkin 1705 N); *See also* Cancer; Chemotherapy
Antiviral drugs For chronic hepatitis B (Pianko and McHutchison 1662 Com); For influenza (Cox and Subbarao 1281 S); *See also* Antiretroviral drugs
Anxiety Evolutionary explanations (Morris 228 N); Precolonoscopy and effect of video information on (randomised trial) (Luck et al 2032)
Anxiety disorders Interferon-α therapy in chronic hepatitis and (Pariante et al 131 R); Pharmacotherapy in individuals with intellectual disability (Santosh and Baird 239 S)
Aortic aneurysm Abdominal, laparoscopically-assisted repair (Zayyan and Thorsen 594 C) (Nott et al 595 C) (Rahi et al 595 C)
Aortic arch Fatty streaks and atherosclerosis development/prevention in children (Berenson and Srinivasan 1223 Com) (Napoli et al 1234)
Aortic pressure Mean, estimation (Chemla et al 596 C)
Aortic pulse-wave velocity measurement Clinical value (Lehmann 528 Com) (Wilkinson et al 1996 C)
Aortic valve Biological *vs* mechanical valve replacement for elderly (Treasure 964 Com); Vegetations due to *Streptococcus agalactiae* infection (Aziz et al738)
Aphasia Bilingual, brain areas involved (Kleinert 2140 N)
Apnoea Sleep *see* Obstructive sleep apnoea
Apolipoprotein E (apoE) Genotype and protease inhibitor-associated hyperlipidaemia (Behrens et al 76 C)
Apology Politics of and human rights abuses (Summerfield 421)
Apoptosis Age-related, of rhabdosphincter cells and urinary incontinence association (Strasser et al 918 R); Induction by gene-directed cancer therapy (Bonn 1364 N)
Appendicitis Neuroimmune (Di Sebastiano et al 461) (Lauerma 1648 C)
Apple juice Softening of gallstones (Dekkers 2171 C)
Aprotinin Excessive blood loss reduction in cardiac surgery (Levi et al 1940)
Aquatic ecosystems Effects of endocrine disrupters (Watts 2145 N)
Arber W (Raju 1567)
Archaeology Medical imaging of Rascar Capac mummy (Appelboom and Struyven 2153); Metastatic cancer detection in dinosaur fossils (Rothschild et al 398 R); Mortality before volcanic eruption in Herculaneum (Capasso and Capasso 1826 C)
Aristolochic acid Emergency ban in UK (Ashraf 494 N); Nephrotoxicity (Lord et al 481 R) (But and Ma 1731 C) (Okada 1732 C)
Arm Allograft with donor-specific bone marrow and implications of graft survival (Horton et al 424 C) (Kanitakis et al 1820 C); Training, benefits after stroke (randomised trial) (Wade 176 Com) (Kwakkel et al 191) (Kwakkel and Wagenaar 1642 C) (McNaughton et al 1642 C)
Armstrong R As webmaster of International League of Associations for Rheumatology (Larkin 1741)
Arsenic poisoning From coal burning in China (Beach 137 N)
Art Disability and (Bartók 757) (Renoir 759) (O'Connor 760)
Arterial dissection Traumatic and stroke from (Nadareishvilli and Norris 159 C) (Emmerich and Fiessinger 160 C)
Arteriovenous fistula Spinal dural, presenting with progressive weakness in legs (case report) (van der Meulen et al 830)
Arthritis Gouty, Philoctetes (Sophocles tragedy) (Grassi et al 2156); Support for use of COX-2 inhibitors (MacReady 1881 N); *See also* Juvenile chronic arthritis; Rheumatoid arthritis
Arts National strategy in UK in health care (Morris 1651)
Asbestos European Commission ban (496 N); White (chrysotile), UK ban (1982 N)
Ascites Haemorrhagic, in neonatal tuberculosis (case report) (Pillay and Jeena 914)
Ascitic fluid Infection in cirrhosis and management approach (Runyon 1838 Com)

Asclepius Cult of and Aesculapion (Kellie 1038 C)
Ascorbic acid (vitamin C) Effect on reflex sympathetic dystrophy frequency in wrist fractures (randomised trial) (Zollinger et al 2025); Hypertension treatment (Duffy et al 2048 R); Lung levels reduced in mild asthma (Kelly et al 482 R); Supplements for pre-eclampsia prevention (randomised trial) (Roberts and Hubel 788 Com) (Chappell et al 810)
Asia Southeast, health for poor ensured by medical parliamentarians (Sharma 1710 N); Southeast, WHO's health warning on HIV, malaria and tuberculosis (Kumar 1010 N)
Aspartame Composition (Zehetner and McLean 78 C); Diseases associated on un-verified Internet site and concerns (Zehetner and McLean 78 C)
Aspirin Acute stroke interventions (review) (Hankey and Warlow 1458); Low doses to protect women from stroke (MacReady 840 N); Low-dose *vs* high-dose in carotid endarterectomy (De Keyser and Sulter 1034 C) (Taylor and ACE Study group 1034 C); Low-dose warfarin *vs* in ischaemic heart disease and effects (Born 1472 C)
ASSENT-2 randomised trial Single-bolus tenecteplase *vs* front-loaded alteplase in acute myocardial infarction (White 695 Com) (Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Investigators 716) (Norris 1818 C)
Association of Cancer Online Resources Website (Larkin 2009)
Astereognosia From lesions of parietal cortex representation of finger kinaesthesia (Tomberg and Desmedt 393 R)
Asthma Aetiological role of microbial burden (Martinez and Holt sII12); Altered lung antioxidant status (Kelly et al 482 R); Atopic, RSV infection in early life linked (Everard 527 Com) (Stein et al 541) (Smyth et al 1997 C); CCR5 variant associated with reduced risk (Hall et al 1264 R); Home-made spacers for bronchodilator therapy in children (randomised trial) (Zar et al 979); Immunomodulatory therapy (Barbour 1363 N); Low incidence among type-1 diabetes patients and siblings (Bottini and Fontana 515 C) (Huang 515 C); Occupational, in Europe (166 correction); Poor management in elderly (US report) (Pirisi 1100 N); UK specialist struck off (Bradbury 1276 N); Vocal cord dysfunction misdiagnosed as (Pearson 1707 N)
AstraZeneca PETACC-1 trial (raltitrexed) stopped and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C)
Ataxia Friedreich's see Friedreich's ataxia; Opsoclonus/myoclonus with and association with enterovirus infection (case report) (Imtiaz and Vora 390)
Atheroprotection *ABC1* gene and HDL roles (Owen 1402 Com)
Atherosclerosis *ABC1* gene mutations and HDL deficiency (Owen 1402 Com); Benefits of reducing serum cholesterol levels in elderly (Bonn 575 N); CD36 involvement/functions (Hopkins 50 N); Endothelial dysfunction in and soluble thrombomodulin association (John et al 1647 C); Human CMV aetiological link (Bosch 1976 N); Prevention and pathogenesis in childhood (Berenson and Srinivasan 1223 Com) (Napoli et al 1234); *See also* Coronary heart disease (CHD)
Atherosclerotic plaques Detection methods and implications (Bonn 656 N); Removal at angioplasty and restenosis prevention after stenting (Sigwart 269 Com)
Atherothrombosis Homocysteine association (review) (Hankey and Eikelboom 407) (Auer and Eber 1474 C) (de Lorgeril 1475 C) (van der Mooren and Kenemans 1475 C) (Viña and Pallardó 1475 C)
Athletes Androstenedione and dehydroepiandrosterone supplements for (De Crée 779 C); Handicapped and New York City Marathon report (Nissenblatt 331)
ATLANTIC study Of transmyocardial laser revascularisation for refractory angina pectoris (Burkhoff et al 885) (Murray and James 1994 C) (Sharples et al 1994 C) (Williams et al 1994 C) (Jones and Burkhoff 1995 C) (Simini 1995 C)
***ATM* gene** Missense mutations and cancer risk (780 correction)
Atopic asthma RSV infection in early life and (Everard 527 Com) (Stein et al 541) (Smyth et al 1997 C)
Atopic eczema In pregnancy (Bos 1140 Com)
Atopy In children with anthroposophic lifestyle (Matricardi et al 430 C); Hepatitis A virus inverse relationship (Matricardi et al 430 C)
Atorvastatin Acute hepatitis associated (Wierzbicki and Crook 954 C); Angioplasty *vs* for stable coronary heart disease (Senior 227 N)
ATP Impaired mitochondrial production in Friedreich's ataxia (Simini 1269 N)
ATP-binding cassette transporter 1 gene (*ABC1*) Role in cholesterol efflux and atheroprotection (Owen 1402 Com); *See also ABC1* gene
Atrial fibrillation Paroxysmal, digoxin treatment (Robles de Medina and Algra 882 Com)
Attention-deficit hyperactivity disorder (ADHD) Dopamine transporter density (Dougherty et al 2132 R); Pharmacotherapy in individuals with intellectual disability (Santosh and Baird 238 S); Prevalence and treatment debate (Bonn 2139 N)
Attitudes Influence on survival in breast cancer (Tucker 1320 Com) (Watson et al 1331)
Audio-computer interviewing HIV-risk behaviour measurement (Taylor et al 678 C) (Des Jarlais et al 679 C)
Audit Cardiac surgery (UK) (310 N)
Auditory cortex Right, functional abnormality during musical hallucinations (Kasai et al 1703 R)
Auditory hallucinations Bicameral mind and (Olin 166 C); Spatial/temporal mapping of neural activity (518 correction)
Australia Cancer prevention campaigns and D Hill's work (Tattam 1186 N); Clinical trials and enrolment techniques (Larkin 1534 N); Congenital dislocation of hip diagnosis/screening (Feldman 1490 Com) (Chan et al 1514); Enterovirus-71 outbreak source (Tattam 227 N); Fees for public hospital patients considered (Loff and Cordner 405 N); Government rejection of findings on health of nuclear-test veterans (Tattam 403 N); High standards in anaesthesia procedures (Loff and Ibrahim 1275 N); HIV transmission from blood transfusion (Loff and Cordner 404 N) (496 N); HIV transmission from blood transfusion and government response (Loff and Cordner 580 N); Medical research grants increased (Tattam 1982 N); New medical research advocacy organisation (Tattam 2061 N); Private health insurance reforms chaos (Loff and Cordner 55 N); Research collaborations urged (754 N)
Austria Cervical cancer test recall after result alteration/falsification (Róggla 2055 N); "Holiday-camp" treatment for bedwetting (Glass 231 N); Psychiatrist charged with murder of children during war (2146 N); Sigmund Freud's clinic reopened in Vienna (Glass 1455 N); Traditional Chinese medicine conference and new centre (Lord et al 481 R)
Authors see Medical journals
Autism MMR vaccine association (Wakefield 949 C) (Taylor et al 950 C) (Robets 951 C); Secretin treatment not effective (Ahmad 2140 N); Websites (Larkin 1915)
Autoantibodies Thyroid, development after pulsed Campath-1H treatment in multiple sclerosis (Coles et al 1691)
Autoimmune polyendocrine syndrome type 1 Tryptophan hydroxylase autoantibodies associated with gastrointestinal disease (Ekwall et al 568 R)
Autoimmune thyroid disease Development after pulsed Campath-1H treatment in multiple sclerosis (Coles et al 1691)
Autoimmunity Post-streptococcal neuropsychiatric disorders (PANDAS) and immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153)
Automatic external defibrillators Life-saving use by children (Pirisi 1449 N)
Autonomic failure Effect of acute ingestion of water (Joannidès et al 516 C)
AVANTI Steering Committee Exclusion of missing data from analyses (Herxenberg et al 686 C)
Avoparcin Ban and decrease in vancomycin-resistant enterococci in poultry meat after (Pantosti et al 741 R); Multiresistant enterococci contaminating animal feed and (Morris et al 163 C) (van den Bogaard and Stobberingh 163 C)
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Ayre's spatula Efficacy as cervical smear collection device and meta-analysis (Martin-Hirsch et al 1763)
AZF (azoospermic factor) regions Of Y chromosome (Hargreave 1746 Com)
Azithromycin Efficacy for prevention of *Pneumocystis carinii* pneumonia (randomised trial) (Dunne et al 891); Trachoma control (Schachter et al 630)

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Back pain see Low back pain
Backpack load For schoolchildren and proposals for limitations (Negrini et al 1974 R)
Bacteraemia Catheter-related see Catheter-related bacteraemia; *Mycobacterium tuberculosis*, unrecognised in hospital inpatients in less developed countries (McDonald et al 1159); *Vibrio vulnificus* biogroup 3 causing and characteristics (Bisharat et al 1421)
Bacteria *Alloiococcus otitis* detection in mixed populations from middle-ear effusions in otitis media (Beswick et al 386); Flora of subgingival crevice (2141 N)
Bacterial vaginosis Infertility and preterm birth association (Wilson et al 511 C)
Balance During locomotion and improvement of acute vestibulopathy by running not walking (Brandt et al 746 R)
Balloons Talc-induced pulmonary lesions after blowing (Thomeer et al 124)
Baltimore D (Raju 1308)
Bangladesh Cessation of promotional activities of BAT ordered (Ahmad 1981 N); Reproductive tract infection symptom management in low-prevalence situations (Trollope-Kumar 1745 Com) (Hawkes et al 1776); Risk of violent death in pregnancy in adolescents (Ronsmans and Khlat 1448 R); Tetanus and pregnancy-related mortality (Rochat and Akhter 565 R) (Esen 1562 C)
Barbacid M Appointment to direct CNIO and role in discovery of oncogenes (Bosch 492 N)
Baron J Resignation as publisher of *New England Journal of Medicine* (1190 N)
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BASF AG Swiss vitamin cartel to be investigated (55 N)
Basic fibroblast growth factor Possible mechanism of heparin benefits in inflammatory bowel disease (Day and Forbes 62) (White et al 1122 C); Slow-release for revascularisation of myocardium (Ahmad 1617 N)
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Baum J D Death (1190 N)
Bavarian Longitudinal Study of preterm infants (Skuse 354 Com) (Tarnow-Mordi et al 1559 C)
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B-cells EBV persistence mediated by and implications (Young 1141 Com)
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Bcr-Abl tyrosine kinase Inhibitor, chronic myeloid leukaemia treatment (Barbour 2057 N)
Beadle G (432 correction)
Bed rest Potentially harmful treatment and re-evaluation needed (Allen et al 1229) (Heaton 2004 C)
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Beeturia Iron absorption and (Sotos 1032 C)
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Behçet's syndrome Antiphospholipid syndrome in (Conti et al 73 C)
Belgium Dioxin contamination of food and mass sociogenic illness associated with Coca-Cola (Nemery et al 77 C) (Van Loock et al 680 C) (Pouthier 681 C); *Legionella pneumophila* outbreak (Weber 1883 N); Mass hysteria over Coca-Cola and social determinants of (173 E); Mortality statistics (Leveque et al 779 C)
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Benzyltetrahydroisoquinolines From tropical plants and atypical parkinsonism association in French West Indies (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C)
Berberis Antibiotic based on (Stevenson 490 N)
Bergström S K (Raju 1914)
Berlin Memories of 1989 and invisible wall remains after 10 years (Kleinert 1712 N)
Berlin-Buch Biomedical Research Campus Laboratory and clinical research (Jack 1452 N)
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Beta-blockers Benefits in heart failure (Evans et al 682 C); Conventional *vs* newer antihypertensive agents in elderly (randomised trial) (Kendall 1744 Com) (Hansson et al 1751); Optimisation of antihypertensive therapy (Brown 1028 C) (Gueyffier 1028 C) (Lesser 1028 C); Post-traumatic stress disorder prevention (Larkin 1008 N)
Betacarotene Supplementation for prevention of basal-cell and squamous-cell carcinoma of skin (randomised trial) (Hill 699 Com) (Green et al 723) (1038 correction) (Autier et al 2163 C) (Green et al 2163 C) (Linder and Tice 2163 C)
Betamethasone Antenatal, effect on fetoplacental blood flow (Adamson and Kingdom 255 C) (Wijnberger et al 256 C)
Bezafibrate Serum homocysteine increased after (Dierkes et al 219 R) (Chan and Chan 1208 C)

(Jonkers et al 1208 C) (Goffin et al 1209 C)
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Bias Reporting, in retrospective ascertainment of drug-induced embryopathy (Bar-Oz et al 1700 R)
Biliary cirrhosis Primary see Primary biliary cirrhosis
Biliary disease Role of nuclear medicine (Krag and Moffat 1021)
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Bill and Melinda Gates Foundation Cancer treatment donation (1190 N)
Bioactive materials For artificial implants (Senior 576 N)
Biocompatibility Of dialysis membranes and outcome of acute renal failure (randomised trial) (Vanholder and Lameire 1317 Com) (Jörres et al 1337)
"Biological glue" Recombinant factor VIIa as (Fishman 134 N)
Biological reductionism New genetics and role of GPs (Kumar 1992)
Biological weapons (Henderson sIV64); UK inquiry on human trials (Ashraf 753 N)
Biomedical datasets Visualisation by use of growing cell structure networks (Walker et al 1518)
Biomedical engineering Cybernetic prostheses (conference) (Glass 1796 N)
Biomedical publications Geography (Takei 516 C) (Rosselli 517 C); *See also* Medical publications
Biomedical research Government-funded programme implementation (Moseley 1478 C); Misconduct, conference and UK policy (Horton 1623 N); Monkey welfare put before in India (Sharma 659 N); Present and future prospects (Greenfield sIV60); Restrictions tightened in Japan (Watts 1885 N); *See also* Medical research
Biopsy Trucut needle, through superior orbital fissure for rabies diagnosis (Tong et al 2137 R)
Birth Adverse outcomes and residential proximity to industry (Bhopal et al 920 R); Mode of delivery and maternal mortality (Hall and Bewley 776 C); *See also* Delivery
Bites Human and group A streptococci transmission causing necrotising faciitis (Wienert et al 572 R)
Bladder cancer Neoadjuvant chemotherapy (randomised trial) (Bartelink 526 Com) (International collaboration of trialists 533) (1650 correction)
Bladder-neck Midurethra anchoring of vagina to prevent incontinence and incontinence mechanism (Petros and Von Konsky 997 R)
Blau's syndrome Early-onset sarcoidosis vs (Cimaz and Falcini 1035 C) (James 1035 C)
Bleeding Heparin associated with complication after cardiological procedures (Moore 491 N); Traumatic, recombinant factor VIIa treatment (Kenet et al 1879 R); Warfarin metabolism decrease associated with *CYP2C9*3* allelic variant (Ogg et al 1124 C)
Bleeding disorders Menorrhagia in (Bolton-Maggs 1033 C)
Bleomycin Inherited chromosomal vulnerability (McCarthy 226 N)
Blindness Prevention by trachoma control (Schachter et al 630)
Blinking Abnormal in newscasters (Tsubota et al 308 R) (Gardner-Thorpe 1128 C)
Blobel G Nobel prize for signal hypothesis (Bradbury and Frankel 1363 N) (1399 E)
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Blood cultures Hub-blood vs peripheral-blood for catheter-related bacteraemia diagnosis (Blot et al 1071)
Blood donation Appeal in Germany (Glass 660 N); Ban on British donors due to variant CJD fears (Ramsay et al 754 N); Urgent appeal in Canada after ban on UK donors (Kondro 845 N)
Blood flow Cutaneous, stimulation in Raynaud's syndrome by nitric oxide-generating system (randomised trial) (Tucker et al 1670); Fetoplacental and effect of antenatal betamethasone (Adamson and Kingdom 255 C) (Wijnberger et al 256 C); Superior ophthalmic vein for diagnosis of intracranial hypotension (Chen et al 826)
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Blood loss Excessive, pharmacological strategies to reduce loss in cardiac surgery (Levi et al 1940)
Blood pressure British Hypertension Society guidelines for hypertension diagnosis (787 E) (Bradbury 839 N); Control and renoprotection in non-diabetic nephropathies (De Jong et al 352 Com) (Ruggenenti et al 359) (Pruna et al 1905 C) (Ruggenenti et al 1906 C); Effect of acute ingestion of water (Joannidès et al 516 C); Non-dippers and abnormal diurnal rhythms in elderly (Kario and Schwartz 339 C); In obstructive sleep apnoea and role of carotid chemoreceptors (Calverley 969 Com); Raised, linked to increase bone mineral loss in elderly women (Cappuccio et al 971); Reduction by ascorbic acid supplements (Duffy et al 2048 R); Reduction for increased life expectancy (Mullan 1977 N); Reduction in secondary prevention of stroke (review) (Hankey and Warlow 1459)
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Blood services Debts of new Canadian agency and funding requirements (Kondro 1104 N)
Blood supply Melanomas and blood vessel formation without endothelium (Rowe 924 N)
Blood transfusions Acute anaemia complications due to (Sandham 883 Com); Diagnostic tests for HIV infection detection and application (Müller-Trutwin and Barré-Sinoussi 1660 Com); From donors with *HFE* gene mutations (Ania and Rodríguez-Gallego 430 C); HIV transmission in Australia (Loff and Cordner 404 N) (496 N); HIV transmission in Australia and government response (Loff and Cordner 580 N); Intrathecal bone reaction in β-thalassaemia (Singer and Vichinsky 881 Com) (Parano et al 922 R); Number to be reduced in Denmark (Skovmand 1454 N); For patient of Jehovah's Witness surgeon under authority of anaesthetist (Vreede 1734 C)
Blood vessels In brain (photograph) (1396); Formation without endothelium for melanoma perfusion (Rowe 924 N)
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Bone Disease in β-thalassaemia (Singer and Vichinsky 881 Com) (Parano et al 922 R); Effect of lifestyle interventions on health (Keen 1923 Com); Growth and zinc supplementation in pubertal girls (Clark et al 485 R); Increased bone mineral loss associated with raised blood pressure in elderly women (Cappuccio et al 971); Increased formation by statins (1976 N); Infections and role of nuclear medicine for evaluation (Corstens and van der Meer 767); Metastases in prostatic cancer and prostate-specific antigen inverse relation with insulin-like growth factor binding protein 3 (Smith et al 2053 R); Metastases and role of nuclear medicine (Krag and Moffat 1020); Mineral density in clinically silent coeliac disease and need for screening (Mustalahti et al 744 R); Mineral density and effects of lifestyle interventions (Keen 1923 Com); Reduced formation after organophosphate exposure (Compston et al 1791 R); Surgery in 14th century (Bačić et al 1200) (Romanovsky 1910 C)
Bone densitometry Fall-related risk factor detection in women referred for (Durward et al 220 R)
Bone marrow Donor-specific in allogeneic arm transplant and survival implications (Horton et al 424 C) (Kanitakis et al 1820 C); Micrometastatic analysis and sentinel lymph node mapping for staging of breast cancer (Relihan et al 129 R)
Bone marrow transplantation Paid leave in US for marrow donation (406 N)
Borderline personality disorder Diagnostic criteria, heterogeneity, presentation and classification (Tyrer 2095 Com)
Bornavirus Sequence similarities of human isolates and laboratory strains and origin (Schwemmle et al 1973 R)
Borreliosis see Lyme borreliosis
Bosnia Effects of war and peace (Bell and Rutovitz 2170 C); Medicalisation of experience of war (Arya 771 C) (Bergovec and Vasilj 771 C) (Summerfield 771 C)
Bovine somatotrophin Recombinant and debate over safety (Collier 684 C)
Bovine spongiform encephalopathy (BSE) EU recommendations accepted in Spain (Bosch 138 N); Transmission of agent to humans (review) (Collinge 317) (Diringer 1823 C) (Laurenson et al 1823 C); Transmission risk via drugs of bovine origin (Verdrager 1304 C); Transmission routes and cellular prion protein expressed by bovine squamous epithelia (Pammer et al 1702 R)
Brachial palsies From obstetric procedures (Kay 614 Com)
Bradyarrhythmia Torsade de pointes induced by (Viskin 1630 S)
Brain Abnormal structure in cluster headache (Larkin 50 N); Albert Einstein's (Galaburda 1821 C) (Salvatori 1821 C) (Seitz 1822 C) (Witelson et al 1822 C) (258 correction); Areas involved in bilingualism (Kleinert 2140 N); Control of prostheses (Birchard 52 N); Current/future biomedical research (Greenfield sIV60); Effect of aluminium dust exposure (Kilburn 1575 Com); Fetal activity demonstrated by functional MRI (Hykin et al 645 R); Imaging techniques (Greenfield sIV60); Leaking blood vessel (photograph) (1396); Neural network reorganisation to compensate for damage in multiple sclerosis (McCarthy 1361 N); Trauma, nuclear medicine in (Costa et al 1108); *See also entries beginning cerebral*
Brain damage Neonatal chest physiotherapy "lock back" programme in New Zealand (Coney 406 N); Rehabilitation of children (Gregg and Appleton sII29)
Brain death Concept and non-acceptance by public in Japan (Watts 229 N); Diagnosis and frequency (Palo and Vitala 1909 C); Pregnancy continuation in mother (Bosch 2145 N); Revised guidelines in Japan (Watts 1011 N)
"Brain drain" In Canada and initiative to reduce (Kondro 1454 N)
Brain herniation Reduction by fetal surgery for spina bifida and benefits/risks (Senior 1795 N)
Brain tumours Nuclear medicine in (Costa et al 1109); Secondary, high incidence after radiotherapy and antimetabolites (Relling et al 34) (Jenkinson and Hawkins 1126 C) (Stanulla et al 1126 C) (Key and Çekiç 1127 C)
Brazil Ageing and literature (Scliar and Csillag sIII18); Double standards in public hospitals (Scheinberg 956 C) (Velasco 1826 C); Lawsuit against US tobacco companies (Csillag 315 N); Maternity care policy (Misago et al 1391 C); Urban epidemic of severe leptospirosis (Ko et al 820) (Clement et al 2003 C)
***BRCA* mutations** Conservative breast cancer therapy complicated by and relapses (Senior 1269 N); Early breast cancer after pregnancy in carriers (Jernström et al 1846)
Breast Normal, low expression of oestrogen receptor α and low breast cancer incidence association (Lawson et al 1787 R)
Breast cancer Aggressive and EBV association (Rowe 748 N); Conservative surgery and relapses associated with *BRCA* mutations (Senior 1269 N); Delays in diagnosis and breast cancer referral policy (Crawford 1478 C); Early onset in *BRCA1*/*BRCA2* carriers after pregnancy (Jernström et al 1846); ErbB2 promotor therapy (Bonn 1364 N); Genetic test implications/role (Motulsky sI36); High-dose chemotherapy in US (Durant 252 C); History and HRT use (Clinical Synthesis Panel on HRT 155); Immunohistochemical detection of lymph-node metastases in management (Cote et al 896); Ischaemic heart disease morbidity/mortality in post-mastectomy patients with/without radiotherapy (randomised trials) (Højris et al 1425); Low incidence associated with low expression of oestrogen receptor α (Lawson et al 1787 R); Micrometastases, outcome, long-term follow-up and role of immunocytochemistry (Mansi et al 197); Mortality during adjuvant therapy with cyclophosphamide, methotrexate and fluorouracil (Colleoni et al 130 R); Palpable breast cysts and (Baum 677 C) (Mannello et al 677 C) (Palmieri and Linardou 677 C) (Dixon et al 678 C); Postmenopausal, postoperative radiotherapy for high-risk patients (Atkins 865 C) (Chander 865 C) (Kunkler 865 C) (Overgaard 866 C); Prevention by tamoxifen and debate over effects (McNamee 1007 N); Prevention by tamoxifen and doses too high (Bonn 841 N); Risk and surveillance after in-vitro fertilisation (Rossing and Daling 1573 Com) (Venn et al 1586); Risks associated with premature delivery (Brind and Chinchilli 424 C); Royal Marsden unit and chair (Bonn 1620 N); Scintigraphic defects after radiotherapy and application of nuclear medicine (Kunkler 2002 C); Screening by mammography see Mammography; Screening with ultrasonography (Kopans 2096 Com); Screening in women 40-49 years (Kopans 946 C) (Seltzer and McDermott 946 C) (van Bekkum 946 C) (Alexander 947 C) (Dickersin 947 C) (Ernster and Kerlikowske 947 C); Sentinel nodes and false-negative rate concerns (Keshtgar and Ell 773 C) (Rozenberg et al 773 C) (Fraile et al 774 C); Staging by bone marrow micrometastatic analysis and sentinel lymph node mapping (Relihan et al 129 R); Survival influenced by modification of attitudes (Tucker 1320 Com) (Watson et al 1331); Tamoxifen after conservative surgery in patients with *BRCA* mutations (Senior 1269 N); Tamoxifen for intraductal disease (Chan and Bundred 1211 C) (Dignam and Fisher 1211 C); TGFβ-RII as marker of increased risk in benign breast disease (Bradbury 2139 N); Therapeutic implications of sentinel lymph node (McIntosh et al 570 R) (Benson and Querci della Rovere 1998 C) (Kunkler 1998 C) (Purushotham et al 1999 C)
Breast cysts Palpable and breast cancer association (Baum 677 C) (Mannello et al 677 C) (Palmieri and Linardou 677 C) (Dixon et al 678 C)
Breast disease Benign, TGF β-RII as marker of increased cancer risk (Bradbury 2139 N)
Breastfeeding Exclusive, promotion (McInnes and Stone 161 C) (Morrow et al 161 C); History, patterns in Europe and mother–infant relationship (Galanakis 77 C); HIV transmission incidence (749 N); HIV-1 transmission and (Newell 442 Com) (Coutsoudis et al 471) (Matchaba 1901 C) (Shaffer et al 1901 C) (Coutsoudis et al 1902 C) (Numazaki and Chiba 1903 C) (Smith and Kuhn 1903 C); Support for WHO recommendations for continuation for 2 years in Kenya (Onyango et al 2041); Vertical transmission of HIV-1 reduced by 15-month maternal zidovudine (DITRAME ANRS 049 Study Group 2050 R)
Breastmilk Erythropoietic quality (Krafft et al 778 C)
Breathing Sleep-disordered in chronic stable heart failure (Lipkin 531 Com)
***BRI* gene** Mutation detection and relevance (Senior 1798 N)
Bristol Royal Infirmary Inquiry Allegation of hospital status before care (Ramsay 1888 N); Final week of oral evidence (2146 N); Poor performance attributed to "learning curve" (Ramsay 1980 N);

Recommendations of Health Committee and (Ramsay 1705 N)
British Allergy Foundation Regret over asthma specialist struck off (Bradbury 1276 N)
British American Tobacco (BAT) Cessation of promotional activities ordered in Bangladesh (Ahmad 1981 N)
British Association for the Advancement of Science Genetically modified foods debate (Horton 1314 Com)
British Hypertension Society Blood pressure guidelines for hypertension diagnosis (787 E) (Bradbury 839 N)
British Medical Association (BMA) Criteria for patient removal from GP list not solely over advice rejection (1011 N); Debate on guidelines for care of terminally ill (Rogers 55 N); Opposition to release of genetically modified organisms (Mitchell 54 N)
British Paediatric Cardiac Association (BPCA) Study on impact of fetal diagnosis on prevalence of congenital heart disease at term (Bull et al 1242)
British Pharma Group Response to NICE review of zanamivir (1313 E)
British Thoracic Society Corticosteroid guidelines for COPD (Banner 440Com); Tuberculosis screening of schoolchildren (Tahir and Ramaiah 1735 C)
Broca's area In bilingualism (Kleinert 2140 N)
Brompton Hospital (London) Paediatric cardiac inquiry (Ramsay 489 N)
Bronchiolitis RSV, prophylaxis (Bont et al 1003 R) (Nadal et al 1997 C)
Bronchodilators Home-made spacers for children with asthma (randomised trial) (Zar et al 979)
Broome C (2010 L)
Brucellosis Cerebral vasculitis with undifferentiated connective-tissue disease mimicking (case report) (Vogt and Hasler 300)
Brugada syndrome Diagnostic criteria, symptoms and management (Grace 445 Com)
Budd-Chiari syndrome Hepatocellular carcinoma association (Kashyap and Kashyap 253 C)
Bulgakov M Myth about medicine/literature and fiction (Lurie 602 C)
Bulgaria "Cool condom" programme (406 N)
Bulimia nervosa Investigation in Spain (1982 N)
Bullfights Effect on and views of children (Bosch 496 N)
Bullous pemphigoid (Nousari and Anhalt 667 S)
BUPA Foundation Awards Retinal photography for diabetic retinopathy (1800 N)
Burns Benefits of growth hormone in growth delay in children (Low et al 1789 R)
Buruli ulcer *Mycobacterium ulcerans* infection causing (van der Werf et al 1013 S) (Parson 2171 C)
Busquin P European Commissioner-designate for research (Bosch 1011 N)
Byrne D New European Commissioner for food safety and aims/plans (Birchard 1012 N)

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CA 125 Screening for ovarian cancer (Chappuis et al 509 C) (Emery et al 509 C) (Manassiev 509 C) (Jacobs et al 510 C)
Cadherins Functions and role of defects in tumour pathogenesis (Winjhoven and Pignatelli 356 Com)
Cadmibel study Low-level cadmium environmental exposure and renal effects (Hotz et al 1508)
Cadmium Environmental exposure and renal effects (Hotz et al 1508)
Caesarean section Complication in HIV-1-infected women (Grubert et al 1612 R); HIV-1 infection reduction (Burns and Mofenson sII2
Caffeine Miscarriage link (1883 N)
Calcium Serum ionised levels and pH dependency (Dewitte et al 1793 R)
Calcium channel antagonists Conventional *vs* newer antihypertensive agents in elderly (randomised trial) (Kendall 1744 Com) (Hansson et al 1751); Optimisation of antihypertensive therapy (Brown 1028 C) (Gueyffier 1028 C) (Lesser 1028 C)
Califf R M (84 L)
Cambodian chloroquinised salt project Drug resistant malaria (Verdrager 1389 C) (White et al 1389 C)
cAMP-responsive element-binding protein (CREB) Rapid opioid detoxification mechanism involving (Spanagel 2017 Com)
Campath-1H Pulsed treatment of multiple sclerosis and development of antibody-mediated thyroid autoimmunity (Coles et al 1691)
Canada Cancer surgery in US to be paid for by Quebec (Kondro 658 N); Cardiac catheterisation comparative study with US (Husten 49 N); Class-action lawsuit by female prisoners after LSD administration (Kondro 2144 N); Criticism of surveillance of communicable and chronic diseases (Kondro 2060 N); Doctor and medical student recruitment (Kondro 1104 N); Eclectic heritage website (Larkin 1311); Fluoroquinolone-resistant *Streptococcus pneumoniae* spread (Mitchell 400 N); Food safety law delayed by critics (Kondro 1537 N); Health and health care in Nunavut (self-governing Eskimo territory) (Ferry 312 N); Ill health claim by soldiers after contact with contaminated soil in Croatia (Kondro 494 N); Increased marijuana use by patients (Kondro 1367 N); Inquiry over ill health claim by soldiers after contact with contaminated soil in Croatia (658 N); Needle exchange scheme for prisons (Kondro 1887 N); New blood agency debts and additional funding needed (Kondro 1104 N); Nurses' strike and possible resolution in Quebec (Kondro 232 N); Nurses' strike in Quebec (Kondro 139 N); Ontario doctors to face random competency tests (Kondro 1273 N); Organ donation shortages lead to growing waiting lists (Kondro 579 N); Osteogenic sarcoma patient's (boy) death after alternative medicine and faith not chemotherapy (230 N); Pharmacists' mass walk-out in Quebec (Kondro 929 N); Research scientists sought by universities (Kondro 1454 N); Rights of pregnant women upheld after ruling against child injured in womb (Kondro 232 N); Urgent appeal for blood after ban on UK donors (Kondro 845 N)
Canadians for Health Research Calls for changes in research on animals and concerns over militancy of animal-rights movement (Ferry 1978 N)
Cancer Aetiology and staging and molecular techniques (Quirke and Mapstone sI26); Alleged unlicensed gene therapy trial in UK (Mitchell 225 N); Alleged unlicensed gene therapy trial in UK and reinstatement of surgeon (Sharp 575 N); Anticellular senescence concept (Laderoute 159 C); Atlas of mortality in USA (2141 N); Behavioural changes resulting from prevention campaigns in Australia and D Hill's work (Tattam 1186 N); Bill and Melinda Gates Foundation donation (1190 N); CD40 as new immunotherapy target (Schultze and Johnson 1225 Com); Cell growth inhibited by mutant telomerase (Bonn 1185 N); Childhood and electromagnetic field exposure link (Repacholi and Ahlbom 1918 Com) (UK Childhood Cancer Study Investigators 1925) (Dockerty et al 1967 R); Di Bella therapy debate (Laderoute 159 C) (Tirelli and Di Filippo 159 C); Di Bella therapy results confirm no survival benefit (Simini 1883 N); Diagnosis and role of nuclear medicine (Eary 853); Gene-directed therapy progress and methods (Bonn 1364 N); Histopathology (Quirke and Mapstone sI26); Id1 and Id3 inhibitors as angiogenesis inhibitors (Rowe 1362 N); Incidence/mortality after radioiodine treatment for hyperthyroidism (Harding and Harding 1122 C) (Hercbergs 1122 C); Increased risk in dialysis patients (Newstead 90 Com) (Maisonneuve et al 93); Marker of increased risk in women with benign breast disease (Bradbury 2139 N); Mortality trends (1955-1994) in European Union (Levi et al 742 R); Nationwide control strategy in New Zealand (Coney 657 N); New blood supply for aggressive melanomas (Rowe 924 N); Nuclear medicine role (Krag and Moffat 1019); Oral antibiotics in low-risk patients (Bonn 490 N); Osteogenic sarcoma death after alternative medicine and faith not chemotherapy (Canadian boy) (230 N); Pan-European accreditation for continuing medical education (1007 N); Prevalence increase in Sweden and causes (Stenbeck et al 1093 R); Raltitrexed trial stopped by AstraZeneca and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C); Risk with *ATM* gene missense mutations (780 correction); Risk with hormone replacement therapy (Clinical Synthesis Panel on HRT 154); Risk possibly associated with nuclear power plants in Ireland and UK (Birchard 845 N); Risk and surveillance after in-vitro fertilisation (Rossing and Daling 1573 Com) (Venn et al 1586); Screening for urothelial cancer using immunoassays detecting Mcm5 (Stoeber et al 1524 R); Staging and role of nuclear medicine (Eary 853); Stigma in Turkey (Kandela 751 N); Suicide by terminal patients cared at home by palliative care team (Ripamonti et al 1877 R); Surgery in US to be paid for by Quebec (Kondro 658 N); Survivorship, household survey data in US (Pirisi 924 N); Treatment as new UK priority (Dean 1535 N); Truth telling of pessimistic diagnoses in Japan (Akabayashi et al 1263 R); Websites (Larkin 2009); Will to live fluctuation in terminally ill (Chochinov et al 816) (Terman 2083 C) (Chochinov et al 2084 C) (Hanratty and Lawlor 2084 C) (Preston 2084 C); *See also* Antitumour drugs; Chemotherapy; *specific cancers*; Tumours
Cancer Genome Project Announced by Wellcome Trust (1450 N)
Canine narcolepsy Gene discovered (Bonn 574 N)
Cannabis (marijuana) Increased use by patients allowed in Canada (Kondro 1367 N); UK trial announced (2145 N)
Canrenone Negative cross-reactivity in digoxin assays and intoxication due to (Steimer et al 1176 R)
Captopril Effects on QT dispersion in heart failure in elderly (Brooksby et al 395 R); In heart failure (ELITE-2) (Topol 1797 N)
Captopril Prevention Project (CAPPP) Failure of randomisation by "sealed" envelopes (Hansson et al 73 C) (Peto 73 C)
Carbamazepine Safety/efficacy in newly diagnosed epilepsy (multicentre randomised study) (Chadwick et al 13) (Chadwick 1387 C) (Elferink et al 1387 C) (Panayiotopoulos 2002 C); For severe insomnia in cerebral Whipple's disease (case report) (Lieb et al 1966)
Carbapenem-resistance Gram-negative bacteria (Kurokawa et al 955 C)
Carbohydrate Beneficial effects of high consumption levels on endothelial function (Ong et al 2134 R)
Carbon dioxide Permissive hypercapnia and therapeutic hypercapnia in critically ill (hypothesis) (Laffey and Kavanagh 1283)
Carcinogenicity Of dioxins (Kogevinas 429 C)
Carcinogens Upper limit and regulation of content in cigarette smoke (Gray et al 1036 C)
Cardiac arrest Benefit of amiodarone debated (Ahmad 1099 N)
Cardiac Arrhythmia Suppression Trial (CAST) Negative trends (DeMets et al 1984)
Cardiac arrhythmias Brugada syndrome diagnosis (Grace 445 Com); Fexofenadine and ethics of rechallenge (Li Wan Po and Kendall 683 C) (Pinto et al 683 C); Risk with dental anaesthesia (outpatient) in children (randomised trial) (Brandom and Herlich 1836 Com) (Blayney et al 1864); Tricyclic antidepressant overdose in child presenting with (case report) (Manikoth et al 2046)
Cardiac catheterisation After myocardial infarction and comparative study in US and Canada (Husten 49 N)
Cardiac disease New UK priority (Dean 1535 N); *See also* Cardiovascular disease; Congenital heart disease
Cardiac events *see* Coronary events
Cardiac failure *see* Chronic heart failure; Heart failure
Cardiac risk Stratification by clinical assessment before elective non-cardiac surgery and adequacy? (Kelion and Banning 1837 Com)
Cardiac Risk Index (Kelion and Banning 1837 Com)
Cardiac services Priority for young and self-employed and assertiveness over rights (Mariotto et al 467)
Cardiac surgery Audit (UK) (310 N); Bristol inquiry *see* Bristol Royal Infirmary Inquiry; Identification of patients to benefit from desmopressin (randomised trial) (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C); Paediatric inquiry at Brompton Hospital (London) (Ramsay 489 N); Pharmacological strategies to decrease excessive blood loss (Levi et al 1940); Stroke risk factors (McCarthy 575 N)
Cardiological procedures Heparin use associated with complications (Moore 491 N)
Cardiologist Fine for stag night exploit in Ireland (845 N)
Cardiology Applications of nuclear medicine (Schwaiger and Melin 661) (Kunkler 2002 C); Future prospects (Wellans sIV8); Historical aspects (Lawrence sIV7)
Cardiomyopathy Clozapine association (Kilian et al 1841); Cytochrome c release and apoptosis mediated by (226 N); Idebenone effect in Friedreich's ataxia (Rustin et al 477) (Fryer 1300 C); Idiopathic dilated, coeliac disease prevalence (Curione et al 222 R) (Fonager et al 1561 C); Sarcoglycan-sarcospan (SG-SSPN) complex disruption in vascular smooth muscle (Bonn 748 N)
Cardiopulmonary bypass Point-of-care assessment of haemostasis after (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C)
Cardiovascular disease Benefits of walking (Larkin 134 N); Decrease by statins due to inflammation reduction (Bonn 311 N); In developing countries and need for European Society of Cardiology (ESC) role (Horton 791 Com); In diabetics and glucose disorder (Davies 610 Com) (Barzilay et al 622); Effect on conventional *vs* newer antihypertensive agents in elderly (randomised trial) (Kendall 1744 Com) (Hansson et al 1751); Mortality rates in Europe and developing countries (Horton 791 Com); New UK priority (Dean 1535 N); Obstructive sleep apnoea link (Calverley 969 Com); Particulate air pollution causing (Grigg 1451 N); Peroxisome proliferator-activated receptors (PPAR) actions (Vamecq and Latruffe 145); Prevention with ACE inhibitors (HOPE study) (Kleinert 841 N); Protection and hormone replacement therapy benefit (Clinical Synthesis Panel on HRT 153); Raised serum uric acid levels association (Dobson 1578 Com); Risk associated with oral progestagen preparations (Poulter et al 1610 R); Risk in heterozygous haemochromatosis (Cys282Tyr mutation) and role of iron (Senior 1099 N); Risk reduced by moderate consumption of wine (Ernst 513 C) (Scholl 514 C); Risk with stearic acid in chocolate (1881 N); Trials with negative trends (DeMets et al 1983); *See also* Coronary heart disease (CHD)
CARE (Clinical Assessment of the Reliability of the Examination) (McAlister et al 1721)
CARE (Cooperative for Assistance and Relief

Everywhere) International relief organisation and website (Larkin 1133)
Carers Impact of sleep disturbances in Alzheimer's disease (Foley 2098 Com)
CARET trial Negative trends (DeMets et al 1986)
Caribbean Parkinsonism Study see Parkinsonism
Caribbean region Perinatal information system (SIP) (Simini 75 C)
Carnitine Supplements for walking improvement (Senior 1617 N)
Carotid artery atherosclerosis Soluble thrombomodulin as predictor (Cella and Randi 425 C) (Mennen et al 425 C) (Goldstein 426 C)
Carotid artery dissection Stroke from (Narareishvilli and Norris 159 c) (Emmerich and Fiessinger 160 C)
Carotid chemoreceptors Role in obstructive sleep apnoea and blood pressure increase (Calverley 969 Com)
Carotid endarterectomy Low-dose vs high-dose aspirin (De Keyser and Sulter 1034 C) (Taylor and ACE Study group 1034 C); Prediction of benefit from and need for better prediction models (Hoefnagels 2165 C) (Rothwell and Warlow 2165 C)
Carotid surgery Prediction of benefit from endarterectomy and need for better prediction models (Hoefnagels 2165 C) (Rothwell and Warlow 2165 C)
Carpal tunnel Reduced movement of median nerve during wrist flexion in repetitive strain injury (Greening et al 217 R) (Awerbuch 1557 C) (Greening et al 1558 C) (McNally and Halliwell 1558 C)
Carroll L Mirror writing in "looking-glass" letters (Schott 2158)
Cartilage Human septal, model (conference report) (Glass 1796 N)
Case management Guidelines in child health (Tulloch sII17); Intensive see Intensive case management
Case Report Series Cerebral Whipple's disease presenting with insomnia (Lieb et al 1966); Congenital tracheo-oesophageal fistula detected in adult presenting with cough (Newberry et al 1174); Drug-induced portosystemic encephalopathy in hereditary haemorrhagic telangiectasia (van der Cammen et al 564); Early-onset sarcoidosis presenting with skin rash and tenosynovitis (Falcini et al 40) (Cimaz and Falcini 1035 C) (James 1035 C); Eating disorder "not otherwise specified" in male adolescent presenting with weight loss and purpura (Snape et al 1352); Endocarditis and asystole caused by group B *Streptococcus* (*S agalactiae*) (Aziz et al738); Erythrocytosis associated with leiomyoma and ectopic erythropoietin causing (Yoshida et al 216); Glucagonoma presenting with diffuse rash in diabetic and secondary infection (Uwaifo et al 480); Inclusion-body myositis in elderly diabetic presenting with quadriceps femoris weakness (Webster and Beynon 1696); Mitral regurgitation causing right-sided pulmonary oedema (Brander et al 1440); Myiasis with cellulitis and septicaemia due to New World screwworm infestation of head (Mallon et al 1260); Neonatal tuberculosis presenting with haemorrhagic ascites (Pillay and Jeena 914); Neurobrucellosis mimicking cerebral vasculitis presenting with double vision and headaches (Vogt and Hasler 300); Opsoclonus, myoclonus and ataxia (dancing eyes/dancing feet) associated with enterovirus infection (Imtiaz and Vora 390); Organophosphate poisoning (warfare) presenting with hyperventilation, hypophosphatemia and respiratory arrest (Björnsdóttir and Smith 2130); Polyarteritis involving sartorius muscle presenting with intermittent thigh pain and swelling (Reading et al 996); Psychogenic non-epileptic attack disorder (NEAD) in pregnancy presenting with intractable seizures (Smith 1522); Spinal dural arteriovenous fistula presenting with progressive weakness in legs (van der Meulen et al 830); Syphilis presenting with HSV-like encephalitis with disorientation and amnesia (Denays et al 1786); Talc-induced pulmonary lesions after blowing up balloons (Thomeer et al 124); *Toxocara canis* infection presenting with fever, cough and nodules on ankle (Aragane et al 1872); Tricyclic antidepressant overdose in child presenting with cardiac arrhythmia and convulsions (Manikoth et al 2046); Unilateral preradial myxoedema in Hashimoto's thyroiditis (Alevizaki et al 644); Yellow fever in traveller to Côte d-Ivoire (Teichmann et al 1608); Yew poisoning presenting with ventricular arrhythmias and coma (Pilz et al 1090)
Case-control study Atypical parkinsonism after consumption of plants in French West Indies (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C); Enterolactone and risk of acute coronary events in relation to serum levels (Vanharanta et al 2112)
Caseln In salmon and anaphylaxis in milk allergic patient (Koppelman et al 2136 R)
Casey J (608 L)
Castleman's disease Multicentric, retinoic acid treatment (Rieu et al 1262 R)
Catalonia Alarms to protect women from domestic violence (Bosch 752 N)
Cataplexy Motor inhibition and H-reflex absence (Overeem et al 838 R) (Gandevia et al 2086 C)
Catenins Functions, types and role of E-cadherin-catenin complex in tumour pathogenesis (Wijnhoven and Pignatelli 356 Com)
Caterpillars Haemorrhagic diathesis association (Arocha-Piñango and Guerrero 1304 C) (Chudzinski-Tavassi et al 1304 C)
Cathepsin C Role of deficit in periodontitis aetiology (Senior 1975 N)
Catheter-related bacteraemia Diagnosis and hub-blood vs peripheral-blood cultures (Blot et al 1071); Diagnostic test accuracy and cost-effectiveness (Farr 1487 Com) (Kite et al 1504)
Cationic trypsinogen gene (*PRSS1*) Mutations in chronic pancreatitis (Creighton et al 42 R) (Creighton et al 1302 C) (Teich et al 1302 C)
Cattle Drugs of bovine origin and BSE transmission risk (Verdrager 1304 C)
Cavernous angioma Hereditary, genetic basis (Senior 1183 N)
***CCM1* locus** Mutations associated with cavernous angiomas (Senior 1183 N)
CD4 T-cells Activation in new hepatitis B therapies (Pianko and McHutchison 1662 Com); Dynamics and loss in HIV-1 infection (Rowland-Jones 5 Com); *See also* T-cells
CD8 T-cells Dynamics and premature loss in HIV-1 infection (Rowland-Jones 5 Com)
CD14 Septic shock therapy target (Rowe 2058 N)
CD20 Monoclonal antibody (rituximab) treatment of post-lung transplant lymphoproliferative disease (Cook et al 1698 R)
CD34 cells Generation ex vivo and abrogation of post-myeloablative chemotherapy neutropenia (Reiffers et al 1092 R)
CD36 Functions (conference report) (Hopkins 50 N)
CD40 As new cancer immunotherapy target (Schultze and Johnson 1225 Com)
CD40/CD40L pathway Role in immunity to tumours (Schultze and Johnson 1225 Com)
CD-ROMs Epilepsy textbook (Engel and Pedley/Price 606)
CDP571 Trials in Crohn's disease (McConnell 1796 N)
Celecoxib Diclofenac vs for long-term management of rheumatoid arthritis (randomised trial) (Emery et al 2106); Support for use in arthritis and fewer side-effects (MacReady 1881 N)
Celera Genomics Genome size estimation and rivalry with international project (Larkin 496 N)
Cell adhesion Heparin role in and inflammatory bowel disease pathogenesis (Day and Forbes 62) (White et al 1122 C)
Cell Genesys Lung cancer vaccines under development and Japan Tobacco's agreement (Murray 1456 N)
Cell therapy Role/benefits and alternative to organ transplantation (Novartis Foundation meeting) (Melton 1272 N)
Cell-mediated immunity HAART interruptions impact in HIV-1 infections (Gozlan 1619 N)
Cells For tissue engineering (Vacanti and Langer sI33)
Cellulitis Myiasis due to New World screwworm infestation of head (case report) (Mallon et al 1260)
Cellulose acetate phthalate (CAP) Activity against STDs (Larkin 399 N)
Centenarians Improved health and rapid terminal decline (Hitt et al 652 R); Scientists (Greenwood 602 C)
Centers for Disease Control and Prevention (CDC) Rotavirus vaccine administration postponed after intussusception concerns (McCarthy 309 N) (Gay et al 956 C) (Suzuki et al 1390 C)
Central nervous system Future neurosurgical techniques (Winn and Howard sIV36)
Central venous catheters Infections associated see Catheter-related bacteraemia
Centro Nacional de Investigaciones Oncológicas Carlos III (CNIO) Barbacid M appointed director (Bosch 492 N)
Centromere instability Defective DNA methylation causing in ICF syndrome (Bonn 1707 N)
Cerebral angiography Silent embolism after (Heiserman 1577 Com) (Bendszus et al 1594)
Cerebral arteries Extracranial, volume reduction in cerebral blood flow in vascular dementia (Scheel et al 2137 R)
Cerebral blood flow Changes after cold hand test in Raynaud's syndrome in SLE (Ferraccioli et al 2135 R); Cortical origin of pathological pain (hypothesis) (Harris 1464); Volume reduction in vascular dementia (Scheel et al 2137 R)
Cerebral cavernous malformation Loci (Senior 1183 N)
Cerebral cortex Origin of pathological pain (hypothesis) (Harris 1464)
Cerebral embolism Silent, after cerebral angiography (Heiserman 1577 Com) (Bendszus et al 1594)
Cerebral haemorrhage Risk with oral contraceptives with different progestagens (Jick et al 302 R)
Cerebral macroangiopathy Homocysteine in (Ducloux and Chalopin 1029 C) (Faßbender et al 1029 C)
Cerebral microangiopathy Homocysteine in (Ducloux and Chalopin 1029 C) (Faßbender et al 1029 C)
Cerebral mirror-imaging In monozygotic twins (Sommer et al 1445 R)
Cerebral oedema High-altitude, prevention and causes (Larkin 750 N)
Cerebral palsy Coagulase-negative staphylococci association (Mittendorf et al 1875 R)
Cerebral vasculitis With undifferentiated connective-tissue disease mimicking neurobrucellosis (case report) (Vogt and Hasler 300)
Cerebral Whipple's disease Presentation with severe insomnia (case report) (Lieb et al 1966)
Cerebrovascular disease Depression in elderly linked to (MacReady 1183 N); Nuclear medicine in (Costa et al 1107); Worsening of cognitive performance in early Alzheimer's disease (Esiri et al 919 R); *See also* Stroke
Cervical cancer Codon 72 polymorphisms of *p53* gene (Zehbe et al 218 R) (Helland et al 1561 C) (Zehbe et al 1562 C); HPV association stronger (840 N); Patient recall after screening test results falsified in Austria (Röggla 2055 N); Screening failures and compensation lawsuit (1833 E); Screening and HPV status relationship (Nobbenhuis et al 20); Screening intervals in UK (1833 E); Screening myths in *The Lancet* commentary (Cox 431 C) (Raffle 431 C); Screening by self-assessment for HPV DNA (Hillemanns et al 1970 R); Sexual dysfunction prevention by preservation of pelvic autonomic nerves during surgery for (Maas et al 772 C); *See also* Cervical smears
Cervical dystonia Treatment by bilateral stimulation of globus pallidus internus (Krauss et al 837 R)
Cervical intraepithelial neoplasia (CIN) HPV status relationship (Nobbenhuis et al 20)
Cervical lesions HPV status relationship (Nobbenhuis et al 20)
Cervical mucus Family planning based on and colour-coded clothing use in Philippines (Wallerstein 579 N)
Cervical smears Checks in New Zealand reveal further errors (Coney 1188 N); Efficacy of collection devices: systematic review and meta-analysis (Martin-Hirsch et al 1763)
Cervical spondylotic myelopathy Quantitative assessment by walking test (Singh and Crockard 370)
CFC-free inhalers Lung bioavailability of fluticasone propionate vs CFC inhalers (Wilson et al 1357 R)
Chain E B (de Scoville et al 258 C)
Charcot foot Management in diabetics (Edmonds 270 Com)
Charities Giving to, websites (Larkin 2091); Operation Smile, malpractice claims and investigation (1982 N); WHO drug donation guidelines signed (Kapp 1367 N)
Chemical warfare Organophosphates, poisoning presenting with hyperventilation, hypophosphatemia and respiratory arrest (case report) (Björnsdóttir and Smith 2130)
Chemical weapons UK inquiry on human trials (Ashraf 753 N)
Chemistry Resources, website (Larkin 1311)
Chemokine receptor 5 (CCR5) Variant associated with reduced risk of asthma and reason for high prevalence of mutation (Hall et al 1264 R)
Chemotherapy High-dose see High-dose chemotherapy; Neutropenia abrogation by CD34 cell generation ex vivo (Reiffers et al 1092 R); New paediatric agents predicted for millennium (Parker 1100 N); Thalidomide role (Larkin 1705 N); *See also* Antitumour drugs
Chernobyl disaster Increased thyroid cancer rate in Ukraine (Mitchell 51 N)
"Chernobyl-like" disease In Ireland and Sellafield (Birchard 845 N)
Chest physiotherapy Neonatal and brain damage after in New Zealand (Coney 406 N)
Cheyne–Stokes respiration In chronic stable heart failure (Lipkin 531 Com)
Chief scientific adviser (UK) Genetically modified foods debate (Horton 1314 Com)
Child abuse Suspected and covert video surveillance in paediatric wards (Ashraf 1276 N)
Child and Adolescent Trial for Cardiovascular Health (CATCH) Lasting impact of healthy living instruction (Macready 311 N)
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sophic lifestyle (Matricardi et al 430 C); Automatic external defibrillator use (Pirisi 1449 N); Benefits of growth hormone in growth delay after burns (Low et al 1789 R); Brain-injured, rehabilitation (Gregg and Appleton sII29); Cancer and electromagnetic field exposure link (Repacholi and Ahlbom 1918 Com) (UK Childhood Cancer Study Investigators 1925) (Dockerty et al 1967 R); Community-based disability services in US (Kaplan 761); Consent requirements for necropsy may change in UK (Bradbury and Weber 2055 N); Danazol therapy for hereditary angio-oedema (Farkas et al 1031 C); Dental anaesthesia and cardiac arrhythmia risk (randomised trial) (Brandom and Herlich 1836 Com) (Blayney et al 1864); Growth and effect of continued breastfeeding for 2 years in Kenya (Onyango et al 2041); *Haemophilus influenzae* type b and non-type b causing pneumonia (Shann 1488 Com); HIV-1 infected and palliative care (Oleske and Czarniecki 1287); HIV-1 infection (Burns and Mofenson sII1; Home-made spacers for bronchodilator therapy in asthma (randomised trial) (Zar et al 979); Hospice for terminally ill in Northern Ireland (140 N); Impact of sex on inheritance of ankylosing spondylitis (Calin et al 1687); Increased Crohn's disease incidence in Sweden (Askling et al 1179 R); Increased thyroid cancer rate in Ukraine after Chernobyl disaster (Mitchell 51 N); Infection reduction by zinc supplementation (Ahmad 2057 N); Inflammatory bowel disease diagnosis by FDG-positron tomography (Skehan et al 836 R); Injury in womb and lawsuit case lost after upholding of rights of women (Kondro 232 N); Lasting impact of healthy living instruction (Macready 311 N); Leukaemia, increased risk after paternal exposure to pesticides (Infante-Rivard and Sinnett 1819 C); Long-term outcome of obstructive uropathy after antenatal intervention (Freedman et al 374) (Freedman and Johnson 1904 C) (Johnson 1904 C) (Wisser et al 1905 C); Lung transplantation for life extension in cystic fibrosis (Aurora et al 1591); Magnitude of pneumonia problem (Mulholland 590); Malnutrition and diarrhoea treatment guidelines (Waterlow 1142 Com); Mass murder in Pakistan (Ahmad 2144 N); Mortality, social and medical responses (Ballester sIV27); Mortality improvements in The Gambia (Hill et al 75 C); Murder during war and Austrian psychiatrist charged (2146 N); Neurodegenerative disease after conception by intracytoplasmic sperm injection (Vogt 611 Com) (Dowsing et al 640) (Hawkins et al 1906 C) (Hiort et al 1907 C); New antitumour drugs predicted for millennium (Parker 1100 N); Nimesulide use (Addis and Bonati 1034 C); Nurse-led sedation for MRI (Laurence et al 953 C) (Millar 953 C); Obesity epidemic (UK) (Reilly and Dorosty 1874 R); Pad urine collections for urinary tract infections (Macfarlane et al 571 R); Particulate air pollution causing respiratory symptoms (Grigg 1451 N); Phthalates banned from toys in EU (Bosch 2060 N); Post-infectious autoimmune neuropsychiatric disorders associated with streptococcal infection (PANDAS) and immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153); Quality of life after survival as preterm infants (Skuse 354 Com) (Tarnow-Mordi et al 1559 C); Research in, scientific and ethical issues (Smyth and Weindling sII21); School backpack load and proposals for limitation (Negrini et al 1974 R); Short-term propofol infusions (Mehta et al 866 C); Tricyclic antidepressant overdose presenting with cardiac arrhythmia and convulsions (case report) (Manikoth et al 2046); Tuberculosis screening (UK) (Tahir and Ramaiah 1735 C); Typhoid fever incidence and vaccine strategies reassessment (Griffin 698 Com) (Sinha et al 734) (Bhattarai 2001 C) (Chiu and Lin 2001 C) (Özsoylu 2001 C); UN resolution for protection against wars (Ahmad 929 N); Unwanted but health, end of compensation for in UK (Brahams 1924 Com); Vaccines in rich/poor countries (Shann and Steinhoff sII7); View about bullfights (Bosch 496 N); Vitamin A supplementation effect on morbidity due to *Plasmodium falciparum* (randomised trial) (Shankar et al 203); Weight measurement by length/weight tape (Molyneux et al 1616 R); Young, pain measurement and management (Mitchell 1708 N)

China, Republic AIDS expert call for more education to halt HIV epidemic (McCarthy 1800 N); Air pollution from coal burning and water pollution (Beach 137 N); Government clampdown on Falun Gong sect members (Watts 495 N); Inclusion in WHO (2093 E) (Tsai 2157); Mortality of North Korean migrants (Robinson et al 291); Pharmacies role in health care (Beach 493 N); Position over Taiwan's status and globalisation of Traditional Chinese Medicine (2093 E); State-funded health insurance scheme to be ended (406 N)

Chinese herbal medicines Conference in Vienna, need for improved skills and new centre (Glass 1537 N); Globalisation (Scheid sIV10) (2093 E); Nephropathy due to (Lord et al 481 R) (But and Ma 1731 C) (Okada 1732 C); Past 1000 years of (Unschuld sIV9); Renal failure and emergency ban on aristolochia in UK (Ashraf 494 N); Thrombocytopenia induced by *Jui* (Azuno et al 304 R)

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Chinese medicine Doctrine and past 1000 years of (Unschuld sIV9); Globalisation (Scheid sIV10) (2093 E)

Chlamydia pneumoniae Seropositivity associated with coronary heart disease in familial hypercholesterolaemia (Kontula et al 46 R)

Chlamydia trachomatis Control by azithromycin (Schachter et al 630)

Chloracne Olestra-induced increased faecal excretion of TCDD and therapy (Geusau et al 1266 R)

Chlorofluorocarbon (CFC) inhalers Lung bioavailability of fluticasone propionate vs CFC-free inhalers (Wilson et al 1357 R)

Chloroquine *Plasmodium falciparum* resistance (Verdrager 1389 C) (White et al 1389 C)

Chocolate Antioxidant catechin (tea flavonoids) levels and health effects of tea biased by chocolate consumption (Arts et al 488 R) (Lazarus et al 1825 C); Stearic acid component linked to cardiovascular disease risk (1881 N)

Cholera Efficacy/safety of reduced osmolarity oral rehydration solution (randomised trial) (Alam et al 296) (Cash et al 1733 C) (Alam 1734 C); Epidemic in Afghanistan (55 N)

Cholestasis Atorvastatin association (Wierzbicki and Crook 954 C); Obstetric, characteristics and case numbers (Bos 1140 Com)

Cholesterol Benefits of reducing serum levels in elderly (Bonn 575 N); Defective efflux associated with *ABC1* mutations in familial HDL deficiency (Marcil et al 1341) (Owen 1402 Com); Efflux from cells and *ABC1* gene role (Owen 1402 Com); Gallstone pathogenesis (conference) (Nervi 1450 N); Reduction for increased life expectancy (Mullan 1977 N); Reduction of LDL-cholesterol and targeting of therapy (Payne and McCabe 1207 C); Reduction in secondary prevention of stroke (review) (Hankey and Warlow 1459); Secretory mechanisms and gallstone pathogenesis (Nervi 1450 N); Tangier disease gene discovery role in HDL mechanism of action research (Husten 574 N)

Cholesterol-efflux regulatory protein (CERP) *ABC1* gene encoding and atheroprotective role (Owen 1402 Com)

Cholesterol-lowering agents Indications and risk-assessment methods (166 correction); Low-dose vs high-dose aspirin in carotid endarterectomy and (De Keyser and Sulter 1034 C) (Taylor and ACE Study group 1034 C); Statins and increased bone formation by (1976 N)

Chondroitin sulphate proteoglycans Cleavage and spinal cord regeneration enhancement (1976 N)

Choreoathetosis Paroxysmal kinesiogenic, attack cessation after onset of pregnancy and role of hCG (Madeja and Kurleman 745 R)

Choroidal neovascularisation Subfoveal, foveal translocation surgery (Cekic et al 340 C)

Chromosomal translocations Mental handicap (Hamerton and Stranc 1659 Com) (Knight et al 1676); *TEL-AML1* as prenatal initiating event in acute lymphoblastic leukaemia development (Felix 1486 Com) (Wiemels et al 1499)

Chromosome 22 Sequence of first human chromosome (Bradbury 1975 N)

Chromosomes Inherited vulnerability to mutagens (McCarthy 226 N); Rearrangements and basis of mental retardation (Hamerton and Stranc 1659 Com) (Knight et al 1676)

Chronic disease Criticism of surveillance in Canada (Kondro 2060 N)

Chronic fatigue syndrome Overlap with other functional somatic syndromes (Wessely et al 936) (Colby 2078 C) (Goudsmit and Shepherd 2078 C) (Sharpe et al 2078 C) (Beales and de Sousa 2079 C) (Jason et al 2079 C) (Madill 2080 C)

Chronic heart failure Endotoxins (Brunkhorst 599 C) (Niebauer and Anker 599 C); Safety concerns of digoxin (Lindsay et al 1003 R); Sleep-disordered breathing in (Lipkin 531 Com)

Chronic lung disease of prematurity Benefits of inhaled corticosteroids (Greenough 266 Com)

Chronic obstructive pulmonary disease (COPD) Clinical signs (McAlister et al 1721); Oral corticosteroid guidelines and benefits (randomised trial) (Banner 440Com) (Davies et al 456)

Chrysotile European Commission ban (496 N); UK ban (1982 N)

Cigarettes Upper limit of carcinogens proposed (Gray et al 1036 C); *See also* Smoking

Ciprofloxacin ^{99}Tc-labelled for infection/inflammation evaluation (Corstens and van der Meer 769); In low-risk cancer patients (Bonn 490 N); In typhoid fever (Kapil et al 164 C) (870 correction)

Circulation Microcirculatory blood flow improvement in Raynaud's syndrome by nitric oxide-generating system (randomised trial) (Tucker et al 1670)

Circulation time Reduction in cirrhosis (Bendtsen and Henriksen 598 C)

Circulatory dysfunction Bacterial peritonitis link (Runyon 1838 Com)

Circumcision HIV infection risk reduction and reason for regional infection discrepancies (Halperin and Bailey 1813)

Cirrhosis Ascitic fluid infection and management approach (Runyon 1838 Com); Transit-time analysis of ultrasonography (Bendtsen and Henriksen 598 C); *See also* Primary biliary cirrhosis

Cisplatin Neoadjuvant chemotherapy for muscle-invasive bladder cancer (randomised trial) (Bartelink 526 Com) (International collaboration of trialists 533) (1650 correction)

Civil war Medical achievements in Sudan (Homeida et al 601 C)

Claude A (Raju 1219)

Cleft lip/palate Influence of surgeon's experience on speech outcome (Williams et al 1697 R); Malpractice claims and investigation of Operation Smile (1982 N)

Clindamycin Tremor improvement in Parkinson's disease by inhibition of nicotinic transmission (Schulze et al 1792 R)

Clinical anecdote Disappearance (Borgstein 2151 Es)

Clinical assessment For cardiac risk stratification before elective non-cardiac surgery (Kelion and Banning 1837 Com)

Clinical care Problems with rapid investigations (963 E)

Clinical examination Need for large, simple studies/assessments (McAlister et al 1721)

Clinical performance Poor, proposals for dealing with (UK) (Hill and Baeza 2099 Com)

Clinical research Industrial funding and influences (Ruffmann 602 C); Trials and errors (historical aspects) (Gluud sIV59); *See also* Medical research

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Clinical trials Alleged forgery of signatures on consent forms and police probe (UK) (845 N); Alleged lack of informed consent for ventilation trial on infants and paediatrician suspended (Ramsay 2144 N); Consensus conferences and clinical practice (Sniderman 327) (Thornton 1037 C) (Payne and McCabe 1207 C); Enrolment techniques/incentives and patients as joint stake-holders in research (Larkin 1534 N); Estimation of missing values and (Herxenberg et al 686 C); Negative trend monitoring and role of Data and Safety Monitoring Board (review) (DeMets et al 1983); Osteopathy for low back pain (Senior 1706 N); Prediction of benefit from carotid endarterectomy and need for better prediction models (Hoefnagels 2165 C) (Rothwell and Warlow 2165 C); Therapeutic effects of cannabis (UK) (2145 N); *See also* Randomised controlled trials (RCT)

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Cloning Animal experiment in Italy and scientist investigated (Simini 1365 N); Human see Human cloning; Rules to be clarified in Japan after breach by leukaemia researchers (Watts 1801 N); Somatic, mutations associated (Morris 255 C)

Clopidogrel Membranous nephropathy with (Tholl et al 1443 R)

Clostridium difficile In 21-year follow-up of stool specimen and first isolate (Fekety et al 1115 Es)

Clozapine Acute interstitial nephritis due to (Elias et al 1180 R); Myocarditis and cardiomyopathy association (Kilian et al 1841); Neutropenia induced by and olanzapine-induced neutropenia after (Benedetti et al 567 R)

Cluster headache Abnormal brain structure (Larkin 50 N); Increased body heat as precipitant (Blau and Engel 1001 R)

Coagulation Importance of levonorgestrel dose in oral contraceptives for effects on (Kluft et al 832 R)

Coagulopathy Traumatic bleeding management by recombinant factor VIIa treatment (Kenet et al 1879 R)

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Cobalamin see Vitamin B_{12}

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Cocaine addiction Nuclear medicine role in treatment (Costa et al 1110)

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Cochrane Collaboration Role and database of published clinical trials (Horton and Smith 1138 Com)

Coeliac disease Clinically silent, osteopenia prevalence and screening requirement (Mustalahti et al 744 R); Prevalence in idiopathic dilated cardiomyopathy (Curione et al 222 R) (Fonager et al 1561 C); Reasons for endemicity in Sahara (Catassi et al 647 R)

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et al 1372 S); Post-traumatic stress disorder treatment (Larkin 1008 N)
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Cold hand test Changes in cerebral blood flow after in Raynaud's syndrome in SLE (Ferraccioli et al 2135 R)
Collagen Barrier function of skin and (Rees 1491 Com); Intestinal vs small-vessel graft (Senior 1533 N)
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Complementary medicine Japanese doctors' attitudes to (Imanishi et al 1735 C); Listening to patients and openness about (Coulehan 1467 Es); See *also* Alternative medicine
Compression hosiery Haemodynamics of efficacy in elderly fallers with orthostatic hypotension (Henry et al 45 R)
Computed tomography (CT) Assessment of stroke and need for improvements (Johnston et al 47 R); Helical in virtual colonoscopy and comparison with real colonoscopy (Ahmad 1796 N); Low-dose, lung cancer screening (Smith 86 Com) (Henschke et al 99) (Miettinen and Henschke 1205 C) (Murphy and Prull 1205 C) (Ajkay 1206 C) (Drury et al 1206 C) (Kawabata and Ueno 1206 C) (Mott 1206 C)
Computer Terminology, website on (Larkin 958 C)
Computer-assisted surgical tools (DiGioia and Jaramaz sIV46)
Condoms "Cool condom" programme in Bulgaria (406 N); Pictures to be excluded from Israel's anti-AIDS campaign (Fishman 1887 N)
Conference/congress 2nd international Workshop on hyper-IgD and periodic fever syndrome (HIDS) (Simon and Drenth 2141 N); 3rd international Conference on the Scientific Basis of Health Services (Newman 1274 N); 5th Congress of the International Xenotransplantation Society (1657 E); VIII Symposium on Torture (India) (Kumar 1188 N); 11th International Conference on AIDS and STDs in Africa (Logie 1104 N); XVII Congress of the International Society on Thrombosis and Haemostasis (Husten 748 N); 39th Interscience Conference on Antimicrobial Agents and Chemotherapy (Labarca 1270 N); 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, pleconaril treatment of enteroviral infections (McConnell 1185 N); 48th American Society of Tropical Medicine and Hygiene (Rowe 2056 N); 2000 years of Natural Product Research, and drugs from plant products (Stevenson 490 N); American Academy of Pediatrics and health insurance for young (1368); American College of Rheumatology and Association of Rheumatology Health Professionals (Larkin 1797 N); American Diabetes Association and functions of CD36 (Hopkins 50 N); American Heart Association and ACE inhibitors as drug of choice in heart failure (Topol 1797 N); American Neurological Association meeting on brain reorganisation in multiple sclerosis (McCarthy 1361 N); American Society of Anesthesiologists and herb/anaesthesia interactions (Larkin 1362 N); American Society of Bone and Mineral Research (Newman 1270 N); American Society for Hematology and gene therapy advances (Barbour 2057 N); American Society of Pediatric Hematology-Oncology (Parker 1100 N); American Society for the Study of Liver Diseases (Beer 1706 N); BMA House on narrative in medicine (Richardson 2088); British Medical Association and doctors' support for presumed consent system (Ashraf 230 N); Chemotherapy Foundation Symposium and thalidomide role (Larkin 1705 N); Chest 1999 and vocal cord dysfunction misdiagnosed as asthma (Pearson 1707 N); Clinical synthesis conference on hormone replacement therapy (HRT) (Clinical Synthesis Panel on HRT 152) (870 correction) (Grant et al 1302 C); Clinical synthesis meeting on osteoporosis (Boyle et al 1664 Com); Codex Alimentarius Commission meeting and organic food guidelines agreed (Kapp 314 N); Commonwealth and commitment on AIDS (Nelson 1800 N); ECCO 10 (European Cancer Conference) and mistletoe extract in melanoma (McNamee 1101 N); ECCO 10 (European Cancer Conference) and PETACC-1 trial stopped by company (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C); End-of-life care and international research agenda (Ramsay 1361 N); European Cancer Conference and debate on tamoxifen for cancer prevention (McNamee 1007 N); European *H pylori* Study Group (Logan 1006 N); European Respiratory Society and effects of particulate pollution (Grigg 1451 N); European Society of Cardiology (Topol 1797 N); European Society of Human Reproduction and Embryology, practical advice on embryo transfer (Ramsay 51 N); Health of indigenous peoples and WHO report (Kapp 1982 N); Health targets in Europe and value (McCarthy 1663 Com); International Conference on Gallstones (Nervi 1450 N); International Congress on Depressive Disorders, ECT use debate (Harrigan 401 N); International Congress of Radiation Research on safe doses of radiation (Birchard 400 N); International Congress on the Sentinel Node in Diagnosis and Treatment of Cancer (Krag and Moffat 1019); International Federation for Medical and Biological Engineering (Glass 1796 N); International Myeloma Workshop and thalidomide efficacy (Larkin 925 N); International Society for Pediatric Oncology (Parker 1100 N); International Symposium on Biology of Cancer Prevention and Treatment (McNamee 1707 N); International Symposium on Particle Toxicity (Grigg 1451 N); Joint Consensus Conference on Misconduct in Biomedical Research (Horton 1623 N); National Institute of Environmental Health Sciences on fibroids (McBride 2450 N); North American Menopause Society and benefits of phyto-oestrogens (Newman 1184 N); Novartis Foundation and oestrogen role in cognitive improvement and neuroprotection (Melton 1101 N); Nuffield Council on Bioethics (Ramsay 1405 Com); 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Congenital adrenal hyperplasia Late-onset, acne fulminans in (Placzek et al 739 R)
Congenital heart disease Impact of fetal cardiac screening on prevalence at term (Bull et al 1242); Prenatal ecstasy exposure associated (McElhatton et al 1441 R)
Congenital malformations After prenatal ecstasy exposure (McElhatton et al 1441 R); Drug-induced and reporting bias in retrospective ascertainment (Bar-Oz et al 1700 R); Early diagnosis in Italy (Simini 577 N)
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Consensus statements Resuscitation of neonates (Soll 4 Com)
CONSENSUS-II trial Negative trends (DeMets et al 1984)
Consent Alleged forgery of signatures on forms for UK preterm infant trial and police probe (845 N); For necropsy and changes expected after Alder Hey hospital inquiry (Bradbury and Weber 2055 N); Presumed (for organ donation), doctors' and patient groups' support (Ashraf 230 N); Research in children (Smyth and Weindling sII21); See *also* Informed consent
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Consumers Internet medical website (Medem) launched (Larkin 1741)
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Human rights abuse/informed consent problems over IUDs for poor women in Mexico (Kirsch and Cedeño 419); Progestagen-only and idiopathic venous thromboembolism risk with (Vasilakis et al 1610 R); *See also* Family planning; Oral contraceptives
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French West Indies Atypical parkinsonism after consumption of plants (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C)
Fresh frozen plasma (FFP) Indications and misuse during cardiopulmonary bypass (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C)
Freud $ Clinic reopened in Vienna (Glass 1455 N)
Friedreich's ataxia Idebenone effect on cardiomyopathy (Rustin et al 477) (Fryer 1300 C); Impaired mitochondrial ATP production correlated with GAA triplets in *FRDA* gene (Simini 1269 N)
FRISC II prospective randomised multicentre study Invasive *vs* non-invasive management in unstable coronary artery disease (Goy 694 Com) (FRagmin and FAST Revascularisation during InStability in Coronary artery disease (FRISC II) Investigators 708); Low-molecular weight heparin in unstable coronary artery disease (Goy 694 Com) (FRagmin and FAST Revascularisation during InStability in Coronary artery disease (FRISC II) Investigators 701) (1478 correction)
Frontal lobe Functions and effect of deficits in executive functioning (Grafman and Litvan 1921 Com)
Fruit and vegetable consumption Linked to decreased risk of ischaemic stroke (1271 N)
Functional foods Health claims and need for better regulation (Katan 794 Com)
Functional somatic syndromes One or many? (review) (Wessely et al 936) (Colby 2078 C) (Goudsmit and Shepherd 2078 C) (Sharpe et al 2078 C) (Beales and de Sousa 2079 C) (Jason et al 2079 C) (Madill 2080 C)
Fungi Therapeutic action and concept of fungal antibiotics by Duchesne E (history) (Duckett 2068)

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GABA receptors $GABA_A$ and benzodiazepine side-effect mechanism (Mitchell 1451 N)
Gabapentin Neuropathic pain treatment (Marples and Murray 953 C) (Woolf and Mannion 953 C)
Gairdner, Sir William and physician as naturist (Calman 2172 C)
Gajdusek D C (Raju 1394)
***Galanthus nivalis* agglutinin** Binding to white blood cells and risks (Kuiper et al 1315 Com) (Fenton et al 1354 R); Effect on rat small intestine (Horton 1314 Com) (Kuiper et al 1315 Com) (Ewen and Pusztai 1353 R) (FitzGerald et al 1725 C) (Mowat 1725 C) (Ewen and Pusztai 1726 C) (Lachmann 1726 C) (Munro 1727 C) (Fenton et al 1728 C) (Kilpatrick 1728 C) (Feldbaum 1729 C) (Fisken 1729 C) (Horton 1729 C) (Klug 1729 C); In genetically modified foods and potential risk (Kuiper et al 1315 Com) (Fenton et al 1354 R)
Gallium-67 citrate (Corstens and van der Meer 765)
Gallstones Chemical-contact dissolution using ether (history) (Helmstädter 1376) (Dekkers 2171 C); Chemical-contact softening with apple juice (Dekkers 2171 C); Cholesterol and pathogenesis (Nervi 1450 N); Eating after removal (Abbasakoor et al 686 C)
Gambia Childhood mortality improvements (Hill et al 75 C); Meningitis incidence decline after conjugate Hib vaccine (Adegbola et al 1091 R)
Ganten D Director of Max Delbrück Center for Molecular medicine (Jack 1452 N)
Gastric cancer Serosa-negative, adjuvant therapy (randomised trial) (Nakajima et al 273)
Gastrointestinal disease Tryptophan hydroxylase autoantibodies associated in autoimmune polyendocrine syndrome type 1 (Ekwall et al 568 R)
Gastrointestinal tract Cellular prion protein expressed by bovine squamous epithelia (Pammer et al 1702 R)
Gates Foundation Donation for cancer treatment research (1190 N)
Gaucher's disease N-butyl deoxynojirimycin therapy development (Rowe 402 N)
Gender Equality and future (Kleinert sIV66)
Gene expression Analysis and profiling (van Ommen et al sI7)
Gene mapping Psychiatric disorders (Owen and Cardno sI11)
Gene therapy Advances in SCID and haemophilia B (Barbour 2057 N); Aerosol delivery of cystic fibrosis transmembrane conductance regulator gene (Senior 1102 N); Approaches for gene transfer (Smith sI3); Early findings, problems, expectations and current status (Smith sI1); Ex-vivo of human vascular bypass grafts with E2F decoy (randomised trial) (Mann et al 1493); And future prospects (Tournier-Lasserve sIV22); Technique application to radiotherapy (Chatal and Hoefnagel 931) (Wheldon et al 1999 C); Unlicensed therapy trial (allegation) on cancer patients in UK (Mitchell 225 N); Unlicensed therapy trial in metastatic liver cancer and reinstatement of surgeon (Sharp 575 N)
Gene Therapy Advisory Committee (GTAC) Alleged unlicensed gene therapy trial in UK (Zehbe et al 218 R); Terms of reference for gene therapy (Zehbe et al 218 R)
Gene transfer Approaches and efficacy (Smith sI1); Methods for gene-directed cancer therapy (Bonn 1364 N); *See also* Gene therapy
Gene-directed cancer therapy Progress and methods (Bonn 1364 N)
Gene-directed enzyme prodrug therapy (GDEPT) Principle and methods (Bonn 1364 N)
General Agreement on Trade in Services (GATS) World Trade Organisation (WTO) influence on health policies and implications (Price et al 1889)
General health questionnaire (GHQ) Levels of stress in UK doctors (McManus et al 1358 R)
General Medical Council (GMC) Asthma specialist (R Davies) struck off (Bradbury 1276 N); Good medical practice standards and NHS attitudes to (Hutchinson et al 223 R)
General practice Transdermal nicotine patches prescribing and cost-effectiveness (Stapleton et al 210)
General Practice Research Database (GPRD) MCA running of (McNamee 1406 Com)
General practitioners (GPs) Criteria for patient removal not just over immunisation and advice refusal (1011 N); Role in implementation of genetic advances and dilemmas (Kumar 1992); Rural dilemmas and (877 E); Salaried, pilot study for improvement of health care in South Wales (Bonn 842 N); UK government urged to slow NHS Direct plans (Mitchell 56 N); *See also* Doctors
Generalism Specialism *vs* and role of GPs in implementation of new genetics (Kumar 1992)
Genetic diagnosis Preimplantation (PGD), consultation document (UK) (Bradbury 1795 N)
Genetic diseases Early observations (historical) (Urban sIV21); Non-mendelian (multifactorial) (Todd sI15); Rare, studies and cost-effectiveness (Senior 1798 N)
Genetic engineering Ex-vivo gene therapy of vascular bypass grafts with E2F decoy (randomised trial) (Mann et al 1493); Influenza A virus construction (McCarthy 491 N)
Genetic tests Diseases diagnosed and disclosure (Motulsky sI35) (Khan 1650 C); Mitochondrial DNA disease (Chinnery and Turnbull sI19); Preimplantation and consultation document (UK) (Bradbury 1795 N)
Genetically modified foods Adequacy of safety testing methods (Kuiper et al 1315 Com) (Fenton et al 1354 R); Canadian law delayed (Kondro 1537 N); Debate over and publication of potato study results (Horton 1314 Com); EU regulations (Mitchell 54 N); Health risks (Lachmann 69 C) (Malcom 69 C) (Feldbaum 70 C) (Schellekens 70 C) (Brunner and Millstone 71 C) (Collier 684 C) (Ewen and Pusztai 684 C); Labelling (Horton 1314 Com); Labelling plan in Japan after food safety concerns (Watts 314 N); *See also* **Genetically modified potatoes**
Genetically modified organisms BMA opposition to release (Mitchell 54 N)
Genetically modified potatoes Correspondence on (Brunner and Millstone 71 C) (Bateson 1382 C); Effect of diets containing on rat small intestine (Horton 1314 Com) (Kuiper et al 1315 Com) (Ewen and Pusztai 1353 R) (FitzGerald et al 1725 C) (Mowat 1725 C) (Ewen and Pusztai 1726 C) (Lachmann 1726 C) (Munro 1727 C) (Fenton et al 1728 C) (Kilpatrick 1728 C) (Feldbaum 1729 C) (Fisken 1729 C) (Horton 1729 C) (Klug 1729 C); Oral hepatitis B vaccine produced in (McNamee 1707 N)
Genetics Disease stigma and (Savulescu and Kerin sIV16); European Bioethics Convention regulations on research to start in year 2000 (Rogers 1011 N); Future prospects (Tournier-Lasserve sIV22); Histopathological screening and (Quirke and Mapstone sI28); Hypertension (Jack 1452 N); Mitochondria (Chinnery and Turnbull sI17); Multifactorial diseases and (Todd sI15); Prions (Aguzzi and Brandner sI22); Psychiatric (Owen and Cardno sI11); Role of GPs in implementation of advances (Kumar 1992); *See also* Molecular medicine
Geneva Convention Safety of aid workers (609 E)
Genital herpes Cellulose acetate phthalate (CAP) active against (Larkin 399 N)
Genital mutilation Episiotomy as form of (Girard 595 C)
Genitalia Ambiguous due to androgen receptor mutation and directed pharmacological therapy (Ong et al 1444 R); Male, lichen sclerosis (Barbagli et al 429 C)
Genitourinary diseases Christian names of girls with (2146 N)
Genodermatology Genes associated with barrier function of skin (Rees 1491 Com)
Genome Human see Human genome project; Increase in size estimation for *Drosophila melanogaster* (Larkin 496 N); *Plasmodium falciparum* (1707 N)
Geographic information system Application to document to increase access to community-based tuberculosis treatment in Africa (Wilkinson and Tanser 394 R)
German Cancer Prize Awarded (Jack 1452 N)
Germany Berlin wall memories of 1989 and invisible wall remains after 10 years (Kleinert 1712 N); Blood donation appeal (Glass 660 N); Ebola virus alert (496 N); Health care reforms and doctors' protest over (Durand de Bousingen 1103 N); Health targets (McCarthy 1663 Com); Suspected Ebola outbreak due to yellow fever (Glass 578 N)
Gestodene In oral contraceptives and effect on stroke risk (Poulter et al 301 R)
Ghana Antifever herbal preparations for malaria and need to avoid malaria disaster (Konotey-Ahulu 258 C); Onchocerciasis control concerns after end of Onchocerciasis Control Programme (OCP) (Stevenson 2143 N)
Ghost authoring For medical journals and concerns/bias (Larkin 136 N) (Larkin 1563 C) (Phillips and Carey 1563 C)
GISA (*S aureus* with intermediate susceptibility to glycopeptides) Emergence and mechanisms (Labarca 1270 N)
GISSI-Prevenzione trial Protective role of fish oil and vitamin E against ischaemic heart disease (Brown 441 Com) (GISSI-Prevenzione Investigators 447) (Harrison et al 1554 C) (Jialal et al 1554 C) (Ng et al 1555 C) (Salen and de Lorgeril 1555 C) (Marchioli et al 1556 C) (Singh 1556 C) (Hooper et al 1557 C)
Glaucoma (Coleman 1803 S); Primary angle-closure, diagnosis/epidemiology/management (Coleman 1807 S); Primary open-angle, definition/diagnosis/screening/aetiology/management (Coleman 1803 S); Taxane-induced (Fabre-Guillevin et al 1181 R)
Glaxo Wellcome Dispute with NICE over zanamivir (Mitchell 1275 N) (1313 E); Response to South African claim on zidovudine toxic effect (Baleta 1711 N)
Glioblastoma In organ transplant recipients and secondary brain tumours after radiotherapy of acute lymphoblastic leukaemia (Relling et al 34) (Key and Çekiç 1127 C)
Gliosis Perilesional, demonstrated by magnetisation transfer magnetic resonance imaging (MRI) (Gupta et al 44 R)
Global Embrace Walk For rights of older people (Ahmad 1276 N)
Global Movement for Active Ageing Launched (Ahmad 1276 N)
Global positioning system (GPS) Application to document to increase access to community-based tuberculosis treatment in Africa (Wilkinson and Tanser 394 R)
Global trade Access to medicines and AIDS treatments (Wilson et al 1893)
Global Training Network (GTN) First international course on handling adverse events of immunisation (Baleta 2061 N)
Globalisation World Bank report (Ahmad 1005 N)

Globus pallidus In Parkinson's disease and effect of unilateral pallidotomy (randomised trial) (Quinn 1658 Com) (de Bie et al 1665)
Globus pallidus internus Bilateral stimulation for treatment of cervical dystonia (Krauss et al 837 R)
Glomerulonephritis Hepatitis C virus infection and (Durand and Burtey 428 C); Therapy against mediators (Wardle 429 C)
Glucagonoma Presenting with diffuse rash in diabetic and secondary infection (case report) (Uwaifo et al 480)
Glucosamine Roles/functions and media hype (Adams 353 Com) (Cumming 1640 C) (Rovati et al 1640 C) (Adams 1641 C) (Russell and McCarty 1641 C)
Glucose Blood, home monitoring accuracy and reliability (Brinkert and Bakker 252 C) (Urdang et al 252 C); Blood control with sulphonylureas/insulin *vs* conventional therapy in type 2 diabetes (UKPDS 33) (6G2 correction); Blood testing and assessment of pain during (randomised trial) (Loveland et al 921 R); Low blood levels whilst driving by diabetics (Pirisi 747 N) (Hirst 1306 C); Tolerance, diabetes diagnostic criteria (Davies 610 Com) (DECODE study group 617) (Barzilay et al 622)
Glue ear Early surgery *vs* watchful waiting (1392 correction); Management (Brennand 676 Es)
Glutathione Oxidised, increased levels in mild asthma (Kelly et al 482 R)
Glycolysis Aerobic and hypothesis on lactate as unreliable indicator of tissue hypoxia (James et al 507)
Glycopeptide resistance Mechanisms and development of (Labarca 1270 N)
Glycoprotein-IIb/IIIa receptor antagonists Outcomes and economic implications in patients undergoing coronary stenting (randomised trial) (Topol et al 2019); Tirofiban efficacy in acute coronary syndromes related to troponin concentrations (Heeschen et al 1757)
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Glycoscience Therapeutic uses of glycoproteins and sugars (Rowe 402 N)
GM foods see Genetically modified foods
Going for Gold Discussion paper for primary health care improvements in South Wales (Bonn 842 N)
Gout Michelangelo (Espinel 2149)
Gouty arthritis Philoctetes (Sophocles tragedy) (Grassi et al 2156)
Grafts Bypass, ex-vivo gene therapy with E2F decoy (randomised trial) (Mann et al 1493); Rejection see Rejection; Small-vessel using intestinal collagen (Senior 1533 N)
Gram-negative bacteria Carbapenem-resistance (Kurokawa et al 955 C)
Granit R A (Raju 605)
Grants For research and peer review system for applications (265 E) (Kernick 870 C)
Granuloma Non-caseating, in early-onset sarcoidosis (case report) (Falcini et al 40) (Cimaz and Falcini 1035 C) (James 1035 C)
Granulomatosis Talc, after blowing up balloons (case report) (Thomeer et al 124)
Grasspea Neurolathyrism epidemic in Ethiopia due to (Getahun et al 306 R)
Great Ormond Street Hospital (London) Charles Dickens' work to establish (Markel 673) (Plaut 1214 C) (Verbov 1214 C)
Grommets Glue ear management (Brennand 676 Es)
Gross national product (GNP) Health and (Sen sIV20); Infant mortality rates relationship (Hales et al 2047 R)
Growing cell structure (GCS) technique Visualisation of biomedical datasets (Walker et al 1518)
Growth Delay in burned children and benefits of growth hormone (Low et al 1789 R); Infants, safety and effect of supplementation of infant formulae with long-chain PUFAs (Gibson 1919 Com) (Lucas et al 1948)
Growth factor Slow-release of bFGF for revascularisation of myocardium (Ahmad 1617 N)
Growth hormone Recombinant human, effect on growth delay in burned children (Low et al 1789 R); Response to clonidine in Parkinson's disease *vs* multiple system atrophy (Mathias and Kimber 339 C); Therapy for critically ill patients reconsidered (Bengtsson 1403 Com); Therapy in intensive care units and concerns over (Senior 1007 N)
Guadeloupe Atypical Parkinsonism (Caparros-Lefebvre et al 281) (Steele et al 1474 C)
Guillemin R C L (Raju 1481)
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Guns Media campaign on dangers and legislation in US (525 E) (males 1563 C)
GUSTO-IIb Angioplasty in acute myocardial infarction (White 695 Com)
GUSTO-III Replase in acute myocardial infarction (White 695 Com)
Guyana Dengue fever and dengue haemorrhagic fever (Palmer et al 304 R)

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H reflex Amplitude reduction causing laughter-associated hypotonia (Overeem et al 838 R) (Gandevia et al 2086 C)
Habib N Reinstatement by Hammersmith NHS Hospitals Trust (Sharp 575 N); Suspension over alleged unlicensed gene therapy trial (Mitchell 225 N)
Haemato-oncology Royal Marsden unit and chair (Bonn 1620 N)
Haemochromatosis Beeturia association and use as screening test (Sotos 1032 C); Cardiovascular disease risk in heterozygotes (Senior 1099 N); Gene C282Y homozygotes in elderly males and undiagnosed disease (Willis et al 221 R); Genetic test implications/role (Motulsky sI36)
Haemodialysis Aortoiliac pulse-wave velocity measurement (Lehmann 528 Com) (Wilkinson et al 1996 C)
Haemodynamics Efficacy of compression hosiery in orthostatic hypotension in elderly (Henry et al 45 R)
Haemolytic anaemia Oxaliplatin-induced (Desrame et al 1179 R)
Haemolytic uraemic syndrome Effectiveness of therapeutic plasma exchange in *Escherichia coli* outbreak in Scotland (1996) (Dundas et al 1327)
Haemophilia B Gene therapy advance (Barbour 2057 N)
Haemophilus influenzae Conjugate vaccine for children in rich/poor countries (Shann and Steinhoff sII9); Non-type b strains causing pneumonia in children (Shann 1488 Com)
***Haemophilus influenzae* type b** Conjugate vaccine combined with DTP containing acellular pertussis (review) (Eskola et al 2063); Meningitis incidence fall in The Gambia after conjugate vaccine (Adegbola et al 1091 R); Pneumonia in children (Shann 1488 Com)
Haemopoietic chimerism Allogeneic arm transplant survival despite donor-specific bone marrow (Horton et al 424 C) (Kanitakis et al 1820 C)
Haemopoietic stem-cell transplantation In refractory juvenile chronic arthritis (780 correction)
Haemorrhagic diathesis *Lonomia obliqua* (caterpillar) contact association (Arocha-Piñango and Guerrero 1304 C) (Chudzinski-Tavassi et al 1304 C)
Haemorrhagic fever Viral, yellow fever from Côte d-Ivoire (case report) (Teichmann et al 1608)
Haemorrhagic shock Increased high-mobility-group protein 1 (HMG1) levels and pathogenic role (Ombrellino et al 1446 R)
Haemosiderin-laden macrophage Left ventricular dysfunction diagnosis from sputum (Leigh et al 833 R)
Haemostasis Exercise-induced activation and risk of cardiac events (Bärtsch 1747 Com); Point-of-care assessment after cardiopulmonary bypass (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C)
***hairless* gene** Hereditary alopecia form not linked to (Rogaev et al 1097 R)
Haley model Gulf war syndrome and (Haley 1645 C) (Ismail et al 1645 C)
Hallucinations Auditory see Auditory hallucinations; Musical, functional abnormality in right auditory cortex (Kasai et al 1703 R)
Halothane Dental outpatient anaesthesia for children and ventricular arrhythmia link (randomised trial) (Brandom and Herlich 1836 Com) (Blayney et al 1864)
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Hand Allograft and microchimerism in (Kanitakis et al 1820 C); *Helicobacter pylori* transmission by (Larkin 654 N); HPV transmission methods (Mindel and Tideman 2097 Com); Swollen, in Hashimoto's thyroiditis (case report) (Alevizaki et al 644); Warmth as predictor for falling asleep (840 N)
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Haptics Thought-controlled prosthetics and (Birchard 52 N)
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Hepatitis C Chronic, profound fatigue relieved by long-term ondansetron (Jones 397 R); Glomerulonephritis and (Durand and Burtey 428 C); In Irish prisons (Birchard 753 N); Outcome and influence of HLA class II genotype (Diepolder et al 2093 Com) (Thursz et al 2119)
Hepatitis C virus (HCV) Clearance and improved quality of life (Kleinert 655 C); Endoscope contamination in New Zealand and patient recall (Coney 578 N); Rapid production and clearance established by large volume plasma apheresis method (Ramratnam et al 1782); Susceptibility/resistance and role of HLA class II alleles (Diepolder et al 2093 Com) (Thursz et al 2119)
Hepatitis E Seroprevalence, transmission and factors associated (Skidmore 1049 Com) (1392 correction)
Hepatocellular carcinoma Budd-Chiari syndrome association (Kashyap and Kashyap 253 C); Hepatic porphyria association (Kashyap and Kashyap 253 C); Oral contraceptives and (Bell 253 C) (Schafer and Sorrell 253 C); Percutaneous radiofrequency thermal ablation (Jiao 427 C); Type 2 diabetes and (Deans and Leslie 253 C)
Hepatocytes Infusion as bridge to liver transplantation (McBride 2056 N)
Herbal medicines Anaesthesia interactions risk in surgery (Larkin 1362 N); Antifever, for malaria (Konotey-Ahulu 258 C); Common uses and side-effects (Larkin 1362 N); On prescription in Ireland (Birchard 1799 N); Variations in active ingredients (Birchard 1799 N); *See also* Chinese herbal medicines
Herbal teas Atypical parkinsonism association in French West Indies (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C)
Herbs Medicinal and use in traditional healing practice (Kubukeli sIV24)
Herculaneum Mortality before volcanic eruption (Capasso and Capasso 1826 C)
Herd immunity Meningococcal vaccine and (Bradbury 310 N) (Sbyrakis and Galanakis 1733 C)
Hereditary angio-oedema Danazol therapy in children (Farkas et al 1031 C)
Hereditary haemorrhagic telangiectasia Drug-induced portosystemic encephalopathy (case report) (van der Cammen et al 564)
Hernia Inguinal, laparoscopic *vs* open repair (randomised trial) (Rattner 175 Com) (MRC Laparoscopic Groin Hernia Trial Group 185) (Cheek and Evans 1295 C) (Fölscher et al 1295 C) (Abbasakoor et al 1296 C) (Notaras 1296 C) (Liem and van Vroonhoven 1297 C) (O'Dwyer et al 1297 C) (Rattner 1298 C)
Heroin Burma as world's largest source and high rates of use (Chelala and Beyrer 1119); Death rate from use and imprecise estimations (Gore 1265 R) (Ramsey et al 2166 C) (Lind et al 2167 C)
Herophilus of Chalcedon Neuroscience history and (Wills 1719)
Herpes simplex virus-like encephalitis Syphilis presenting with (case report) (Denays et al 1786)
HERS (Heart and Estrogen/Progestin Replacement Study) trial Negative trends (DeMets et al 1986)
Hershey A (Raju 784)
Herzegovina Medicalisation of experience of war (Arya 771 C) (Bergovec and Vasilj 771 C) (Summerfield 771 C)
***HFE* gene** Blood transfusion from donors with mutations (Anía and Rodríguez-Gallego 430 C); C282Y mutation in elderly males and undiagnosed haemochromatosis (Willis et al 221 R)
HIG ^{99m}Tc-iminothiolane labelled (Corstens and van der Meer 766)
Higgins A Tobacco companies sued by (Birchard 494 N)
High-altitude cerebral oedema (HACE) Prevention and causes (Larkin 750 N)
High-altitude pulmonary oedema (HAPE) Prevention and causes (Larkin 750 N)
High-altitude travel Adverse effects, prevention and Internet resources (Larkin 750 N)
High-density lipoprotein (HDL) Atheroprotective role (Owen 1402 Com); Familial deficiency and *ABC1* mutations associated with defective cholesterol efflux (Marcil et al 1341) (Owen 1402 Com); Mechanism of action to be determined after Tangier disease gene discovered (Husten 574 N)
High-dose chemotherapy For breast cancer in USA (Durant 252 C); CD34 cell generation ex vivo for stem cell support after (Reiffers et al 1092 R)
High-mobility-group protein 1 (HMG1) Increased levels in haemorrhagic shock and pathogenic role (Ombrellino et al 1446 R)
Highly active antiretroviral therapy (HAART) Effect on CD4 T-cell dynamics (Rowland-Jones 5 Com); With gp160 vaccine for HIV-1 infection (Pontesilli and Aiuti 947 C) (Fiala and Stewart 948 C) (Sandström and Wahren 948 C); HIV reservoir and infected T cell reappearance (1533 N); HIV 1 resistance prevalence, transmission and prevention (Cohen and Fauci 697 Com) (Yerly et al 729); Interruptions and HIV-specific cellular immunity (Goujon 1619 N); Lipodystrophy pathogenesis (Morris and Carr 1046 Com) (Brinkman et al 1112); Viral suppression reduced in clinic setting *vs* trials (Bradbury 309 N)
Hiking Inadequate preparation and adverse effects (Larkin 750 N)
Hill D Cancer prevention campaigns (Australia) and behavioural changes (Tattam 1186 N)
Hilton Humanitarian prize Awarded to African Medical and Research Foundation (1190 N)
Hip Congenital dislocation, late diagnosis and benefits of screening programme (Feldman 1490 Com) (Chan et al 1514)
Hip fracture Effect of lifestyle interventions on bone health and (Keen 1923 Com); Risk factor detection after referral for bone densitometry (Durward et al 220 R); Risk and oral contraceptive use (La Vecchia et al 335 C)
Hippocampus Role in new memory formation (Larkin 574 N)
Hirschsprung's disease Cost-effectiveness debate on studies (Senior 1798 N)
Hispanic men Steroid 5α-reductase (*SRD5A2*) mutation associated with prostatic cancer (Makridakis et al 975)
Hispanic race Existence? (Zubizarreta 780 C)
Histopathology Infections (Quirke and Mapstone sI26)
Historians Medical, role and increasingly large task (Tansey 1811)
Historical record management New methods required (Tansey 1811)
History Addiction (Musto sIV1); Ageing (Blaikie sIV3); Anaesthesia (Bellucci sIV5); Cardiology and knowledge of heart (Lawrence sIV7); Child mortality (Ballester sIV27); Chinese medicine (Unschuld sIV9); Clinical research (Gluud sIV59); Cranial surgery (Piñero sIV35); D'Alembert's contribution to epidemiology and risk assessment (Begaud 432 C); Dentistry (Baron sIV11); Diagnosis using urine (Wittern-Sterzel sIV13); Disease and stigma (Gilman sIV15); Diseases in last 1000 years of wars (Eckart sIV63); Doctor's status (Lázaro sIV17); Economic development and disease (Bujosa sIV19); Ethics and subjectivity (von Engelhardt sIV47); Genetic diseases (Urban sIV21); Health care in hospitals (Risse sIV25); Influenza virus discovery (Shortridge sIV29); Malaria eradication (Majori sIV31); Medical education (Gourevitch sIV33); Mirror writing and Lewis Carroll's letters and Leonardo da Vinci's maps (Schott 2158); Nutrition and potatoes (Hautvast sIV37); Obstetrics and gynaecology (Longo sIV39); Oncology (Kennedy sIV41); Ophthalmology (Daxecker sIV43); Origins of modern science (Henry sIV23); Orthopaedics (Böni sIV45); Perception of disease (Anderson sIV49); Pharmacology (Garattini sIV51); Poisoners and "plague-smearers" (Leven sIV53); Sexually transmitted diseases (Fee sIV61); Transformations in social medicine (Porter sIV57); Women and doctors (Mqueo sIV65); *See also* Medical history
HIV-1 Cellulose acetate phthalate (CAP) active against (Larkin 399 N); Court order for infant test (UK) (Brahams 884 Com) (Best and Smith 1650 C); Detection in body fluids, tests (Müller-Trutwin and Barré-Sinoussi 1660 Com); Drug resistance and new drug therapies (conference) (Mellors 135 N); Drug-resistant genotyping in HIV-1 therapy (VIRADAPT trial) (Aboulker 1120 C) (Durant et al 1120 C) (Zöllner et al 1120 C) (Nannini 1121 C) (Spire and Souville 1121 C) (1128 correction); Drug-resistant variant prevalence, transmission and prevention (Cohen and Fauci 697 Com) (Yerly et al 729); Endoscope contamination in New Zealand and patient recall (Coney 578 N); Free screening tests for pregnant women in Spain (Bosch 754 N); High-risk behaviour measurement by audio-computer interviewing (Taylor et al 678 C) (Des Jarlais et al 679 C); Home detection (self-test) kits unreliable (55 N); Levels in blood predictive of perinatal transmission (McCarthy 573 N); Maternal viral load and zidovudine effect on (Shapiro et al 156 C) (Wilson 156 C) (Shaffer et al 157 C) (Golden et al 158 C) (Wolffers 158 C); MRP4 overexpression and new mechanism of antiretroviral drug resistance (Moore 923 N); *Nef*-deletion for vaccine (Bradbury 225 N); Perinatal transmission reduction by low-cost nevirapine (McCarthy 309 N); Perinatal transmission reduction by zidovudine leading to decreased perinatal AIDS in US (McCarthy 573 N); Perinatal transmission and zidovudine effect on (Shapiro et al 156 C) (Wilson 156 C) (Shaffer et al 157 C) (Golden et al 158 C) (Wolffers 158 C); Prevalence in Japan (Watts 2059 N); Prevention and treatment in Southern Africa (Morris 1977 N); Priority to decrease spread in South Africa (Baleta 844 N); Rapid production and clearance established by large volume plasma apheresis method (Ramratnam et al 1782); RNA, effect of drug-resistant genotyping in HIV-1 therapy (Aboulker 1120 C) (Durant et al 1120 C) (Zöllner et al 1120 C) (Nannini 1121 C) (Spire and Souville 1121 C) (1128 correction); Strain/subtype detection tests (Müller-Trutwin and Barré-Sinoussi 1660 Com); Suppression by HAART reduced in clinic setting *vs* trials (Bradbury 309 N); Tissue reservoirs and infected T cell reappearance after HAART (1533 N); Transmission by blood transfusion in Australia (Loff and Cordner 404 N) (496 N); Transmission by breastfeeding and incidence of (749 N); Transmission from blood transfusion in Australia and government response (Loff and Cordner 580 N);

Transmission prevention in sub-Saharan Africa (Watts and Kumaranayake 1492 Com); Vaccine development and EU funding (Glass 1367 N); Vaccine prospects for children (Shann and Steinhoff sII10); Vaccine trial ethics guidance to be issued by UNAIDS (Ramsay 923 N); Vaccines and *nef* gene (Bradbury 225 N); Vertical transmission (Burns and Mofenson sII1); Vertical transmission to breastfed children reduced by 15-month maternal zidovudine (DITRAME ANRS 049 Study Group 2050 R); Vertical transmission and breastfeeding (Newell 442 Com) (Coutsoudis et al 471) (Matchaba 1901 C) (Shaffer et al 1901 C) (Coutsoudis et al 1902 C) (Numazaki and Chiba 1903 C) (Smith and Kuhn 1903 C); Vertical transmission prevention with intrapartum and neonatal single-dose nevirapine *vs* zidovudine (randomised trial) (Guay et al 795) (Jackson et al 1816 C) (Lurie and Wolfe 1816 C) (Campa et al 1817 C) (Hudson and Moodley 1817 C) (Marseille et al 1818 C); Vertical transmission reduction by single-dose nevirapine and cost-effectiveness (Marseille et al 803)

HIV-1 infection Abuse of stigma and (Wakley prize essay) (Whitty 2147); AIDS expert call for more education to halt epidemic in China (McCarthy 1800 N); In Burma (Chelala and Beyrer 1119); Caesarean section complications (Grubert et al 1612 R); Case number decline in India (1800 N); Case number expected to continue rising in 21st century (Ashraf 1886 N); CD4 T-cell dynamics and loss in homoeostasis disturbance (Rowland-Jones 5 Com); Co-trimoxazole chemoprophylaxis (Brindle 333 C) (Hudson and Roach 333 C) (Badri et al 334 C) (Boeree et al 334 C) (Anglaret et al 335 C); Commonwealth commitments (Nelson 1800 N); Discrimination allegation against Indian navy personnel (Kumar 1187 N); Drugs for developing countries (Glass 1367 N); HAART interruptions and impact on cellular immunity (Gozlan 1619 N); Immunisation with gp160 (Pontesilli and Aiuti 947 C) (Fiala and Stewart 948 C) (Sandström and Wahren 948 C); Improvement of molecular diagnostic tools and management (Müller-Trutwin and Barré-Sinoussi 1660 Com); Interventions in sub-Saharan Africa (Watts and Kumaranayake 1492 Com); Intestinal nematode infestation inversely associated with BCG immunisation (Elliott et al 1000 R) (Odent 2170 C); Lipodystrophy (Mercié et al 867 C) (Domingo et al 868 C); Lipodystrophy pathogenesis and mitochondrial toxicity induced by nucleoside-analogue reverse transcriptase inhibitors (NRTI) (Morris and Carr 1046 Com) (Brinkman et al 1112); Maternal, cost-effectiveness of malaria control in sub-Saharan Africa and (Fleming 1123 C); Mortality in Mumbai (Bombay) and need for urgent intervention programmes (Hira et al 1175 R); Neonatal tuberculosis presentation with haemorrhagic ascites (case report) (Pillay and Jeena 914); New European Commission strategy (Glass 1367 N); Opportunistic infection prevention, EU-specific guidelines (Yazdanpanah et al 1305 C); Paediatric and vertical transmission (Burns and Mofenson sII1); Palliative care for children (Oleske and Czarniecki 1287); Pathogenesis in children (Burns and Mofenson sII4); Perinatal exposure to nucleoside analogue reverse transcriptase inhibitors and mitochondrial dysfunction after (Morris and Carr 1046 Com) (Blanche et al 1084) (Poulton et al 2081 C); Prevention and public health potential of rapid assessment (Rhodes et al 65); Promotion of awareness by business (1 E); Rate increase expected in Japan (Watts 754 N); Risk reduced by circumcision and reason for regional infection discrepancies (Halperin and Bailey 1813); Threat in Latin America (Snell 1187 N); Unrecognised *Mycobacterium tuberculosis* bacteraemia in hospital inpatients in developing countries (McDonald et al 1159); WHO warning to southeast Asia (Kumar 1010 N); *See also* AIDS

HIVNET 012 randomised trial Intrapartum and neonatal single-dose nevirapine *vs* zidovudine for prevention of vertical transmission of HIV (Guay et al 795) (Jackson et al 1816 C) (Lurie and Wolfe 1816 C) (Campa et al 1817 C) (Hudson and Moodley 1817 C) (Marseille et al 1818 C)

HIVNET 012 regimen Cost-effectiveness of single-dose nevirapine for vertical HIV-1 transmission reduction (Marseille et al 803)

HLA Class I, low expression in syndrome resembling Wegener's granulomatosis (Moins-Teisserenc et al 1598); Class II genotype influence on hepatitis C outcome (Diepolder et al 2093 Com) (Thursz et al 2119); Effect on outcome of renal transplantation (Morris et al 1147): *See also* Major histocompatibility complex (MHC)

HLA-C Psoriasis association (Tazi-Ahnini et al 597 C)

HMG-1 New target for treatment of septic shock (Bradbury 135 N)

HMPAO Leucocyte labelling and infection/inflammation evaluation (Corstens and van der Meer 766)

***HnRNPG* gene** On Y chromosome (Hargreave 1746 Com)

Hodgkin A L (Raju 263)

Hodgkin's disease OEPA regimen safety and effective (Bonn 2057 N)

Hoffman La Roche Class action against over vitamin price fixing in Australia (230 N)

Holidays Treatment for bedwetting in Austria (Glass 231 N)

Holley R (Raju 690)

Home-based interventions Effect on unplanned readmissions and survival in congestive heart failure (randomised study) (Stewart et al 1077); Management of sepsis and effect on neonatal mortality (field trial) (Bang et al 1955)

Homocysteine (Dudman 2072); In cerebral macroangiopathy and microangiopathy (Ducloux and Chalopin 1029 C) (Faßbender et al 1029 C); Factors affecting metabolism (Hankey and Eikelboom 408); Increased levels in Parkinson's disease after long-term levodopa therapy (Müller et al 126 R); Levels in blood and metabolism (Hankey and Eikelboom 407); Measurement (Hankey and Eikelboom 408); Plasma level and all-cause mortality in diabetes (432 correction); Reduction therapies (Hankey and Eikelboom 4011); Serum increases after therapy with fenofibrate and bezafibrate (Dierkes et al 219 R) (Chan and Chan 1208 C) (Jonkers et al 1208 C) (Goffin et al 1209 C); Vascular disease and (review) (Hankey and Eikelboom 407) (Auer and Eber 1474 C) (de Lorgeril 1475 C) (van der Mooren and Kenemans 1475 C) (Viña and Pallardó 1475 C); Vascular occlusion and alternative viewpoint (Dudman 2072)

HONSelect (search integrator) (Larkin 1569)

HOPE study Cardiovascular disease prevention by ACE inhibitors (Kleinert 841 N)

Hormonal therapy Ambiguous genitalia caused by androgen-receptor gene mutations (Ong et al 1444 R)

Hormone replacement therapy (HRT) C-reactive protein reduced in type-2 diabetes after (Sattar et al 487 R) (Chan 1908 C) (Sattar et al 1908 C); Clinical synthesis conference and risks of HRT (Clinical Synthesis Panel on HRT 152) (870 correction) (Grant et al 1302 C); Counselling guidelines inadequate (Bradbury 653 N); Heart-rate variability and (Hayward et al 256 C) (Christ et al 1303 C); Inadequate information for women and resultant indecision (Larkin 2141 N); Serum uric acid reduced in postmenopausal women with hyperuricaemia (Sumino et al 650 R) (Kashyap and Kashyap 1643 C) (Ovalle and Bell 1643 C) (Sumino et al 1644 C); Shift to phyto-oestrogens at menopause meeting (Newman 1184 N)

Hospices HIV-1 infected children and continuum of palliative care (Oleske and Czarniecki 1287); Network established in Italy (140 N); For terminally ill children in Northern Ireland (Birchard 844 N)

Hospitals Admission rates for chronic low-back pain (Andersson 584); Assessment of stroke by physicians and need for improvements (Johnston et al 47 R); In developing countries (Smith sIV26); Double standards in public hospitals in Brazil (Scheinberg 956 C) (Velasco 1826 C); Fees considered in Australia (Loff and Cordner 405 N); General, screening/assessment of swallowing disorders (Farrell and O'Neill 355 Com); Health care in past 1000 years (Risse sIV25); Staff trained to recognise abuse in Ireland (2146 N); Surgeons' remuneration to cut waiting lists in UK (Green 660 N); Unplanned readmissions for congestive heart failure and effect of home-based interventions (randomised study) (Stewart et al 1077); *See also* Psychiatric hospitals

Hot-water bottle Warm hands/feet and sleep prediction (840 N)

Hounsfield Sir G N (Raju 1653)

Household survey Cancer survivorship in US (Pirisi 924 N)

hTERT (human telomerase reverse transcriptase) Inhibition resulting in cancer cell growth cessation (Bonn 1185 N)

Hubel D H (Raju 1828)

Hudson Jones A (1044 L)

Huggins C B (Raju 520)

HUGO (Human Genome Organisation) Opposition to human genome patent (1135 E)

Human chorionic gonadotropin (hCG) Possible role in paroxysmal kinesiogenic choreoathetosis attack cessation after onset of pregnancy (Madeja and Kurleman 745 R)

Human cloning ESHRE advice for UK government (Bradbury 51 N); Restrictions tightened in Japan (Watts 1885 N)

Human cytomegalovirus (HCMV) Link with atherosclerosis development (Bosch 1976 N)

Human Fertilisation and Embryology Authority (HFEA) Annual report and increase in intracytoplasmic sperm injections (1982 N); Consultation document on preimplantation genetic diagnosis (Bradbury 1795 N); Donated sperm imported from Denmark (1368); Two-embryo policy for in-vitro fertilisation (Fisk and Trew 1572 Com)

Human genome Funding preparations for post-genome research boom (Ashraf 2145 N); UNESCO and World Intellectual Property Organisation approach on intellectual rights (1571 E)

Human Genome Project Data for Cancer Genome Project (1450 N); Future of diagnostics/treatment and prevention (van Ommen et al sI5); MHC class II region sequenced (Bradbury 1531 N); Progress and patent issues (1135 E); Sequence of first human chromosome (chromosome 22) (Bradbury 1975 N); Size estimation change and rivalry between sequencing groups (Larkin 496 N)

Human papillomavirus (HPV) Anogenital cancer and risk of tonsillar squamous cell carcinoma with (Frisch and Biggar 1442 R); Cervical cancer association stronger (840 N); DNA, cervical cancer screening by self-assessment for (Hillemanns et al 1970 R); Sexual and non-sexual transmission methods (Mindel and Tideman 2097 Com); Status relation to cervical lesions and consequences for cervical cancer screening (Nobbenhuis et al 20); Tonsillar squamous cell carcinoma association (Frisch and Biggar 1442 R)

Human rights Abuses in Afghanistan and UN condemnation (Ahmad 752 N); STD rates and control (Cates and Dallabetta sIV62); *See also* Health and human rights

Human T-lymphotrophic virus (HTLV-1) Common origin of virus from Asia and Andeas (1976 N); Infective dermatitis associated (Mahé et al 1386 C)

Human telomerase reverse transcriptase (hTERT) Inhibition resulting in cancer cell growth cessation (Bonn 1185 N)

Humanitarian aid Angola (Chelala 1365 N); Funds for Kosovo and priority (Zwi 139 N); Prize awarded to African Medical and Research Foundation (1190 N); Safety of aid workers (609 E)

Humanities National strategy in UK in health care (Morris 1651)

Hungary Member of European Pharmacopoeia (1011 N)

Hunger Prevalence expected to increase in India (Kumar 1535 N)

Huxley A F (Raju 263)

Hydrocephalus Reduction by fetal surgery for spina bifida and benefits/risks (Senior 1795 N)

Hydroxocobalamin In pernicious anaemia (Delpre et al 740 R) (Freeman 2080 C) (Stark et al 2081 C)

5-Hydroxytryptamine see Serotonin

Hyglene Atopy relationship (Matricardi et al 430 C)

Hyperactivity Attention deficit disorder see Attention-deficit hyperactivity disorder (ADHD)

Hypercapnia Permissive and therapeutic in critically ill (hypothesis) (Laffey and Kavanagh 1283)

Hypercholesterolaemia Benefit of reducing regardless of age (Bonn 575 N); Familial heterozygous, *Chlamydia pneumoniae* seropositivity associated with coronary heart disease (Kontula et al 46 R); Maternal and atherosclerosis development/prevention in children (Berenson and Srinivasan 1223 Com) (Napoli et al 1234)

Hypercortisolaemia In depression (Doris et al 1371 S)

Hyperemesis gravidarum Sex of offspring link (Askling et al 2053 R)

Hyperforin From St John's wort and antibacterial activity (Ebrey 777 C) (Fiebich et al 777 C) (Voss and Verweij 777 C)

Hyperglycaemia As prognostic factor in pulmonary oedema in enterovirus-71 hand, foot and mouth disease (Chang et al 1582)

Hyperhomocysteinaemia Definition (Hankey and Eikelboom 407) (Auer and Eber 1474 C) (de Lorgeril 1475 C) (van der Mooren and Kenemans 1475 C) (Viña and Pallardó 1475 C); Prevalence (Hankey and Eikelboom 409); Vascular occlusion and alternative viewpoint (Dudman 2072)

Hypericum perforatum see St John's wort

Hyper-IgD Conference (Simon and Drenth 2141 N)

Hyperkalaemia Decreased Na,K-ATPase density/activity associated in Thai man (Smit 1182 R)

Hyperlactacidaemia As unreliable indicator of tissue hypoxia in injury/sepsis (James et al 505)

Hyperlipidaemia Protease inhibitors associated and apoE genotype (Behrens et al 76 C); Protease-inhibitor associated in HIV-1 infection (Domingo et al 868 C)

Hypertension British Hypertension Society blood pressure guidelines (787 E) (Bradbury 839 N); British Hypertension Society management guidelines (787 E) (Bradbury 839 N); CAPPP trial and failure of randomisation by "sealed" envelopes (Hansson et al 73 C) (Peto 73 C); Definition and WHO/ISH treatment guidelines (Murray and James 593 C) (Pickering 593 C) (O'Brien and Staessen 594 C); Detection and control rates decreased in US (Senior 747 N); Detection and control rates in UK (Senior 747 N); Genetic test implications/role (Motulsky sI35); Intracranial see Intracranial hypertension; Molecular genetics (Jack 1452 N); Reduced by daily walking (Larkin 134 N); Treatment with ascorbic acid (Duffy et al 2048 R)

Hypertension Optimal Treatment (HOT) study Blood pressure recommendations for hypertension diagnosis (787 E)

Hyperthyroidism Radioiodine treatment and cancer incidence/mortality after (Harding and Harding 1122 C) (Hercbergs 1122 C)

Hyperuricaemia Serum uric acid reduced by HRT in postmenopausal women (Sumino et al 650 R) (Kashyap and Kashyap 1643 C) (Ovalle and Bell 1643 C) (Sumino et al 1644 C)
Hyperventilation Organophosphate poisoning (warfare) presenting with (case report) (Björnsdóttir and Smith 2130)
Hypocapnia Acute respiratory disorders and benefits of therapeutic hypercapnia (Laffey and Kavanagh 1283)
Hypocretin (orexin) receptor 2 gene Mutation in canine narcolepsy (Bonn 574 N)
Hypoglycaemia CS spray use (misuse) (O'Brien and Hardy 779 C); Driving by diabetics and (Pirisi 747 N) (Hirst 1306 C); Effect of moderate alcohol consumption in diabetics (Senior 311 N)
Hypokalaemia Increased sodium pump activity after injury and increased lactate levels (James et al 507); In yew poisoning (case report) (Pilz et al 1090)
Hyponatraemia In cholera patients treated with reduced osmolarity oral rehydration solution (randomised trial) (Alam et al 296) (Cash et al 1733 C) (Alam 1734 C)
Hypophosphataemia Organophosphate poisoning (warfare) presenting with (case report) (Björnsdóttir and Smith 2130)
Hypotension Intracranial, colour doppler imaging for diagnosis (Chen et al 826); Orthostatic see Orthostatic hypotension
Hypothalamic-pituitary-adrenocortical insufficiency Diagnostic testing (Streeten 179 Com)
Hypothermia For uncontrolled intracranial hypertension in acute liver failure (Jalan et al 1164) (Blei 2082 C)

Hypothesis

Carbon dioxide and critically ill and therapeutic hypercapnia beneficial (Laffey and Kavanagh 1283)
Cortical origin of pathological pain (Harris 1464)
Corticotropin-releasing hormone role in onset of labour (Grammatopoulos and Hillhouse 1546)
Heparin benefits in inflammatory bowel disease by restoration of high-affinity receptor binding of basic fibroblast growth factor (Day and Forbes 62)
Lactate as unreliable indicator of tissue hypoxia in injury/sepsis (James et al 505)
Mitochondrial toxicity induced by nucleoside-analogue reverse transcriptase inhibitors and lipodystrophy pathogenesis (Morris and Carr 1046 Com) (Brinkman et al 1112)
Selection of metastatic tumour phenotypes by host immune systems (Seymour et al 1989)

Hypothyroidism Compulsory neonatal screening in Italy (Simini 577 N); Maternal, adverse effect on children (MacReady 749 N); Screening in pregnancy (Pop et al 1224 Com)
Hypotonia Laughter-associated caused by H-reflex amplitude reduction (Overeem et al 838 R) (Gandevia et al 2086 C)
Hypotrichosis Total, hereditary alopecia not linked to *hairless* gene (Rogaev et al 1097 R)
Hypoxia Lactate as unreliable indicator in injury/sepsis (James et al 505)
Hysteria Mass, Coca-Cola case in Belgium (173 E)

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Ibogaine Anti-addictive properties and use in drug addiction (Morris 1883 N)
Iceman Tattoos linked to acupuncture points and medical diagnoses revealed (Dorfer et al 1023) (Moore 1650 C)
ICF syndrome Defective DNA methylation causing (Bonn 1707 N)
Ichthyosis Lamellar, topical N-acetylcysteine treatment (Redondo and Bauzá 1880 R)
Id1 and Id3 Angiogenesis role and potential of inhibitors as anticancer treatment (Rowe 1362 N)
Idebenone Effect on cardiomyopathy in Friedreich's ataxia (Rustin et al 477) (Fryer 1300 C)
ID-Heparin/PF4 antibody test (ID-HPF4) Detection of heparin-induced platelet antibodies (Meyer et al 1525 R)
Idiopathic dilated cardiomyopathy Coeliac disease prevalence (Curione et al 222 R) (Fonager et al 1561 C)
Idiopathic pulmonary fibrosis Pathology, pathogenesis and pirfenidone therapy (Nicod 268 Com)
Imaging Of Peruvian mummy (Appelboom and Struyven 2153); Preoperative, of parathyroid glands (Loney et al 1819 C) (Chesser et al 1820 C)
Immersion deaths Swimming performance deterioration in cold water and implications for resuscitation and prevention (Ryan 613 Com) (Tipton et al 626) (Teramoto and Ouchi 1733 C)
Immigrants Free health care for illegal pregnant women in Spain (Bosch 1368 N)
Immune responses Delayed development (Martinez and Holt sII13); Development after birth (Martinez and Holt sII12); Patterns in utero (Martinez and Holt sII12); Role in selection of metastatic cell phenotypes and disease progression (Seymour et al 1989)
Immune system Activation in chronic heart failure (Brunkhorst 599 C) (Niebauer and Anker 599 C); T-cell dynamics and loss in HIV-1 infection (Rowland-Jones 5 Com)
Immunisation Adverse events and first international course on handling (Baleta 2061 N); Combined vaccination of *H influenzae* type b conjugate with DTP containing acellular pertussis (review) (Eskola et al 2063); Influence of coverage on pertussis transmission in France (Grimprel et al 1699 R); National immunisation days for poliomyelitis (John 869 C) (Hull et al 1910 C); Refusal and patient removal from GP list (1011 N); Varicella zoster virus and time interval for repeat doses (Holzel and Jumaa 1207 C); *See also* Vaccination; Vaccines
Immunity Herd, meningococcal vaccine and (Bradbury 310 N) (Sbyrakis and Galanakis 1733 C); To *Plasmodium vivax* malaria in Amazonians (Luxemburger et al 162 C); To tumours and role of CD40L/CD40 pathway (Schultze and Johnson 1225 Com)
Immunoassays Detection of heparin-induced platelet antibodies (Meyer et al 1525 R); Mcm5 detection in urothelial cancers (Stoeber et al 1524 R)
Immunocytochemistry Diagnosis of dementia with Lewy bodies (McKeith et al 1227 Com)
Immunodeficiency Rare syndrome (ICF) involving defective DNA methylation (Bonn 1707 N)
Immunoglobulin Long-term use of infusion device (Webb and Williams 775 C); Structure and function, website (Larkin 1395); *See also* Intravenous immunoglobulin; Monoclonal antibodies
Immunoglobulin G (IgG) Avidity and differentiation of early and late complicated forms of Lyme borreliosis (Guérineau et al 1096 R)
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Lentil products Cattle fodder sold as in Pakistan (Ahmad 1982 N)
Leopard syndrome Clinical manifestations (Shamsadini et al 1530 R)
Leprosy Global health care alliance created by WHO (Ahmad 1802 N)
Leptin Potential role for obesity treatment (MacReady 1531 N)
Leptospirosis Urban epidemic in Brazil (Ko et al 820) (Clement et al 2003 C)
Leukaemia Acute lymphoblastic, high incidence of secondary brain tumours after radiotherapy and antimetabolites (Relling et al 34) (Jenkinson and Hawkins 1126 C) (Stanulla et al 1126 C) (Key and Çekiç 1127 C); Acute lymphoblastic, risk and population density link (Ross et al 532 Com); Acute lymphoblastic and prenatal origin (*TEL-AML1* translocations) as initiating event (Felix 1486 Com) (Wiemels et al 1499); Childhood, risk with paternal exposure to pesticides (Infante-Rivard and Sinnett 1819 C); Childhood and electromagnetic field exposure link (Repacholi and Ahlbom 1918 Com) (UK Childhood Cancer Study Investigators 1925) (Dockerty et al 1967 R); Chronic myeloid, new drug (STI 571) treatment (Barbour 2057 N); Researches breach cloning rules in Japan (Watts 1801 N)
Levodopa Nigral endothelial dysfunction and increased homocysteine levels in Parkinson's disease after (Müller et al 126 R)
Levodopa-induced dyskinesia Riluzole treatment (Vale 511 C)
Levonorgestrel Importance of dose in oral contraceptives for effects on coagulation (Kluft et al 832 R); In oral contraceptives and effect on stroke risk (Poulter et al 301 R)
Lewy bodies Features and characteristics (McKeith et al 1227 Com)
Lewy body dementia Diagnostic criteria (McKeith et al 1227 Com); Dopaminergic degeneration (Walker et al 646 R)
Lichen sclerosis Male genitalia involving anterior urethra (Barbagli et al 429 C)
Life expectancy Recommendations for increasing (US) (Mullan 1977 N)
Life extension Mortality curve shifts and (Tan and Murphy 1378) (Lim and Struthers 2168 C) (Brotheridge 2169 C)
LIFE (Leadership in Investment in Fighting an Epidemic) initiative (Watts and Kumaranayake 1492 Com)
Life sciences research Restrictions tightened in Japan (Watts 1885 N)
Lifeline Bayes T 2182; Broome C 2010; Califf R M 84; Casey J 608; Cooper D A 1134; Edwards G 1916; Espinel C H 1312; Halstead S 350; Harris E 1570; Hudson Jones A 1044; Kaija H 692; Kelemen E 1220; Kincaid-Smith P 264; Mäki M 524; Mihich E 1742; Moore D 2092; Neuwirth Z E 1484; Ohman E M 962; Richardson R 1832; Showalter E 438;

Summerfield D 1398; Van Gijn J 172; Verheugt F W A 786; Volberding P A 1656; Yusuf S 876
Lifestyle Anthroposophic, atopic in children and (Matricardi et al 430 C); Healthy, lasting impact after early (children) teaching (Macready 311 N)
LightCycler system (van Ommen et al sII8)
Lignan Enterolactone and risk of acute coronary events in relation to serum levels (case-control study) (Vanharanta et al 2112)
Limb Abnormal positioning and well-leg compartment syndrome (Heppenstall and Tan 970 Com); Artificial, thought-controlled (Birchard 52 N); Critically ischaemic and salvage by distal venous arterialisation (Bergqvist 1920 Com) (Taylor et al 1962); Lengthening procedures and results (Gross 1574 Com) (1736 correction); Salvage/reconstruction after ischaemic ulceration/gangrene (Bergqvist 1920 Com) (Taylor et al 1962)
Limb-girdle muscular dystrophy Sarcoglycan-sarcospan (SG-SSPN) complex disruption in vascular smooth muscle (Bonn 748 N)
Limbic system Olfactory cortex link and odours eliciting memories (Larkin 2142 N)
Lipid-lowering drugs Angioplasty *vs* for stable coronary heart disease (Senior 227 N); Indications and risk-assessment (166 correction); Myocardial vasodilatation improved by (Senior 227 N); *See also* Cholesterol-lowering agents
Lipid-storage diseases Sphingolipid, screening (Winchester 879 Com) (Chen et al 901)
Lipodystrophy Familial partial, cost-effectiveness of studies (Senior 1798 N); In HIV-1 infection (Mercié et al 867 C) (Domingo et al 868 C); Nucleoside-analogue reverse transcriptase inhibitor (NRTI)-induced (Morris and Carr 1046 Com) (Brinkman et al 1112)
Lipomatosis Multiple symmetrical type 1 (MSL 1) pathogenesis (Morris and Carr 1046 Com) (Brinkman et al 1112); Pathogenesis and nucleoside-analogue reverse transcriptase inhibitors role (Morris and Carr 1046 Com) (Brinkman et al 1112)
Lipopolysaccharide (endotoxin) Antibodies to *E coli* serogroups 05 and 0165 in healthy adults (Jenkins and Chart 649 R); In chronic heart failure (Brunkhorst 599 C) (Niebauer and Anker 599 C); Role in septic shock pathogenesis (Rowe 2058 N)
Lipopolysaccharide binding protein (LBP) Septic shock pathogenesis and (Rowe 2058 N)
Lipoproteins Tangier disease gene discovery and role in HDL mechanism of action research (Husten 574 N)
Liposomal doxorubicin Approved by FDA for ovarian cancer (140 N)
Liposomes Radiolabelled sterically stabilised (Corstens and van der Meer 768)
Literature Bulgakov M's myth (Lurie 602 C); Disability and (O'Connor 760); Positive potential of sad experiences (Burns-Cox 344 C)
Literature and ageing (*The Lancet* supplement) Ageing and Brazilian literature (Scliar and Csillag sIII18); Ageing in Nigerian literature (Omobowale sIII21); "Back rub": reflections on touch (Connelly sIII2); Centenarian (Brodwick sIII17); Jenny Joseph on the popularity of her poem "Warning" (Joseph sIII30); Literary perspectives on ageing (Jones sIII1); Mum (art) (Hockney sIII24); Old Yeats "the eagle" (Jones sIII34); Performing Alzheimer's disease (Poirier sIII6); Reading aloud to elderly (Banks sIII10); Sarge (Brodwick sIII20); Senior Olympian (Brodwick sIII38); Teaching the patient impatience: art, ageing and the medical consumer (Mangum sIII25); The Gardener (Jaffé sIII29); The Musician (Jaffé sIII33); The Reader (Jaffé sIII9); The Researcher (Jaffé sIII5); The Torajan Dolls (Brodwick sIII12); Upon commencing the eighth decade of life (Loefler sIII39); Venerable ancestors: strategies for ageing in Chinese novel (Levy sII13)
Literature and Medicine Charles Dickens' work to establish Great Ormond Street Hospital (Markel 673) (Plaut 1214 C) (Verbov 1214 C); Foot (pain) of Philoctetes (Grassi et al 2156); Stories at work: reflective writing for practitioners (Bolton 243)
Lithotomy Well-leg compartment syndrome due to (Heppenstall and Tan 970 Com)
Litigation New approach to handling costs proposed by Medical Defence Union in Ireland (Birchard 1710 N)
Liver cirrhosis see Cirrhosis
Liver disease Chronic, profound fatigue relieved by long-term ondansetron (Jones 397 R); Role of nuclear medicine (Krag and Moffat 1021)
Liver dysfunction Cholestatic and statins associated (Wierzbicki and Crook 954 C)
Liver failure Acute, hepatocyte infusion therapy (McBride 2056 N); Acute, moderate hypothermia for uncontrolled intracranial hypertension (Jalan et al 1164) (Blei 2082 C)
Liver transplantation Chronic shortage of livers in US (Beer 1706 N); Hepatocyte infusion as bridge to (McBride 2056 N); Living-related approved in Italy (Simini 2060 N); Patient selection guidelines (Neuberger and James 1636)
Liver tumours Alleged unlicensed gene therapy trial in UK (Mitchell 225 N); Metastatic and alleged unlicensed gene therapy and reinstatement of surgeon (Sharp 575 N); Percutaneous radiofrequency thermal ablation (Jiao 427 C); Prevention and development of oral HBV vaccine in transgenic potatoes (McNamee 1707 N); *See also* Hepatocellular carcinoma
LM609 $\alpha_v\beta_3$ integrin antibody and reduction of post-surgical adhesions by (Pirisi 1184 N)
London teaching hospitals Clinical care reviews (963 E)
Long chain polyunsaturated fatty acids (LCPUFA) Safety and effect on infant development (randomised trial) (Gibson 1919 Com) (Lucas et al 1948)
Long QT syndrome (Viskin 1625 S); Acquired, and long-term management (Viskin 1630 S); Congenital and long-term management (Viskin 1627 S)
Long-term care Of elderly and concerns over "means testing" in UK (Ramsay 844 N)
Longevity Recommendations for increasing (US) (Mullan 1977 N)
***Lonomia obliqua* (caterpillar)** Haemorrhagic diathesis associated (Arocha-Piñango and Guerrero 1304 C) (Chudzinski-Tavassi et al 1304 C)
Lorenz K (Raju 1130)
Losartan Effects on QT dispersion in heart failure in elderly (Brooksby et al 395 R)
Low back pain Backpack load carried by schoolchildren causing (Negrini et al 1974 R); Chronic and epidemiological features (review) (Andersson 581); Osteopathy effectiveness (Senior 1706 N)
Low birthweight infants Social class differences in UK (Ashraf 2060 N)
Low-density lipoprotein (LDL) Oxidised, CD36 as scavenger (Hopkins 50 N); Receptor mutation, in familial hypercholesterolaemia and *Chlamydia pneumoniae* seropositivity associated with coronary heart disease (Kontula et al 46 R)
Low-density lipoprotein (LDL) cholesterol Lowering, targeting of therapy (Payne and McCabe 1207 C)
Low-energy laser (LEL) irradiation Diabetic foot management (Landau and Schattner 1125 C)
Low-molecular weight heparin For unstable angina (randomised trial) (Goy 694 Com) (FRagmin and FAST Revascularisation during InStability in Coronary artery disease (FRISC II) Investigators 701) (1478 correction); Venous thromboembolism prevention in medical wards (Husten 748 N)
Lumbar spine Radiological examination, sacroiliac joint imaging and reporting after referral for (Matthews and Yates 483 R)
Lung Antioxidant status changes in mild asthma (Kelly et al 482 R); Bioavailability of fluticasone propionate with different propellants (Wilson et al 1357 R); Injury, hyperventilation and hypocapnia association (Laffey and Kavanagh 1283); Static volume, new measurement methods and comparisons (Shale 1050 Com)
Lung cancer Screening by low-dose CT (Early Lung Cancer Action Project) (Smith 86 Com) (Henschke et al 99) (Miettinen and Henschke 1205 C) (Murphy and Prull 1205 C) (Ajkay 1206 C) (Drury et al 1206 C) (Kawabata and Ueno 1206 C) (Mott 1206 C); Trials with negative trends (DeMets et al 1983); Vaccines under development and Japan Tobacco's agreement (Murray 1456 N)
Lung disease Chronic of prematurity and benefits of inhaled corticosteroids (Greenough 266 Com); Interstitial, tacrolimus in refractory polymyositis with (432 correction); Role of nuclear medicine in (Krag and Moffat 1022)
Lung function Lung volume measurement methods and comparisons (Shale 1050 Com); Processes contributing to loss of in smokers (Muers 177 Com); Smoking cessation effect (Muers 177 Com)
Lung transplantation Chronic rejection problem and update on (Wunsch 1270 N); Life extension in children with cystic fibrosis (Aurora et al 1591); Post-transplant lymphoproliferative disease treatment with rituximab monoclonal antibody (Cook et al 1698 R)
Lupus anticoagulant Cerebral blood flow changes after cold hand test in Raynaud's syndrome in SLE (Ferraccioli et al 2135 R)
Lupus nephritis New treatments reviewed at meetings (Bosch 134 N); Proliferative, intravenous immunoglobulin *vs* cyclophosphamide (Boletis et al 569 R)
Luria S (Raju 784)
Luteinizing hormone Hypersecretion in polycystic ovary syndrome (Balen 966 Com)
Lwoff A (Raju 434)
Lykoudis J As discover of cause and treatment of peptic ulcer disease (Rigas et al 1634)
Lyme borreliosis Early and late complicated forms differentiated by IgG avidity (Guérin-Marneau et al 1096 R)
Lymph nodes Immunohistochemical detection of metastases in breast cancer management (Cote et al 896); Propionibacterial and mycobacterial DNA detection by PCR in sarcoidosis (Ishige et al 120); Sentinel see Sentinel lymph nodes
Lymphadenectomy For superficial oesophageal carcinoma (Rice 792 Com)
Lymphoid hyperplasia Somatic cloning association (Morris 255 C)
Lymphoproliferative disease Post-lung transplant and treatment with rituximab monoclonal antibody (Cook et al 1698 R)
Lynen F (Raju 347)
Lysergic acid diethylamide (LSD) Class-action lawsuit by female prisoners after administration (Canada) (Kondro 2144 N)
Lysine analogues Excessive blood loss reduction in cardiac surgery (Levi et al 1940)
Lysosomal storage diseases Screening for sphingolipidosis (Winchester 879 Com) (Chen et al 901)

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McClintock B (Raju 2007)
Macedonia International medical evacuations assessment (Kelly et al 2076)
Mcm5 (DNA replication protein) Detection by immunoassays in urothelial cancer (Stoeber et al 1524 R)
Macrophage Haemosiderin-laden in sputum and left ventricular dysfunction diagnosis from (Leigh et al 833 R)
Magic Origins of modern science and (Henry sIV23)
Magnetic resonance imaging (MRI) Abnormalities in early rheumatoid arthritis (Dawes 1051 Com); As alternative to necropsy to improve UK rates (Ashraf 1802 N); Atherosclerotic plaque detection (Bonn 656 N); Colonography and avoidance of colonic cleansing by faecal tagging (Weishaupt et al 835 R); Contrast agent causing acute pancreatitis (Terzi and Sökmen 1789 R); Dural ectasia for Marfan's syndrome diagnosis (De Paepe 878 Com) (Fattori et al 910); Functional, fetal brain activity (Hykin et al 645 R); Guided percutaneous laser ablation of uterine fibroids (Law et al 2049 R); Limitations of clinical diagnosis of acute stroke shown by (Allder et al 1523 R); Magnetisation transfer, in perilesional gliosis (Gupta et al 44 R); Paediatric and nurse-led sedation for (Laurence et al 953 C) (Millar 953 C); Real-time method for myocardial ischaemia (Wunsch 1363 N); Silent embolism after cerebral angiography (Heiserman 1577 Com) (Bendszus et al 1594)
Magnetic resonance microscopy Detection of neuritic plaques in Alzheimer's disease (Larkin 1882 N)
Magnetisation transfer magnetic resonance imaging Perilesional gliosis (Gupta et al 44 R)
Major histocompatibility complex (MHC) Class II "multi-megabase" region sequenced (Bradbury 1531 N); Low expression of class I molecules in syndrome resembling Wegener's granulomatosis (Moins-Teisserenc et al 1598); *See also* HLA
Mäki M (524 L)
Malaria Averting disaster, population control and antifever herbal preparations (Konotey-Ahulu 258 C); Chemoprophylaxis, cost-effectiveness in sub-Saharan Africa (Goodman et al 378) (Fleming 1123 C) (Lerer 1123 C); Combination drugs to avert disaster and Cambodian chloroquinised salt project (Verdrager 1389 C) (White et al 1389 C); Control in Nicaragua and social/political influences (Garfield 414); Cost-effectiveness of control in sub-Saharan Africa (Goodman et al 378) (Fleming 1123 C) (Lerer 1123 C); Drug policy and systematic changes (Kitua sIV32); Eradication, historical background (Majori sIV31); Japanese and WHO collaboration on new drug development (Watts 1624 N); Medicines for Malaria Venture initiative announced (Bradbury 1624 N); Neglect of grave of discoverer of cause (Cook 1128 C); *Plasmodium vivax*, effects in pregnancy (Nosten et al 546); *Plasmodium vivax*, naturally acquired immunity (Luxemburger et al 162 C); Possible new vaccine strategy based on *Plasmodium falciparum*'s inhibition of maturation of immune cells (Senior 50 N); Self-use of rapid diagnostic tests by tourists (Jelinek et al 1609 R); Vaccine for children in rich/poor countries (Shann and Steinhoff sII10); Vitamin A supplementation effect on morbidity in children (Shankar et al 203); WHO warning to south-east Asia (Kumar 1010 N)
Malaysia Nipah virus encephalitis and association with pig farming (Farrar 1222 Com) (Chua et al 1257)
Male impotence see Impotence, male
Male infertility Trinucleotide repeat expansion in androgen-receptor gene (Vogt 611 Com) (Dowsing et al 640) (Hawkins et al 1906 C) (Hiort et al 1907 C)
Males see Men
Malnutrition WHO manual for treatment in children (Waterlow 1142 Com)
Mammography Breast cancer screening in women 40-49 years (Kopans 946 C) (Seltzer and McDermott 946 C) (van Bekkum 946 C) (Alexander 947 C) (Dickersin 947 C) (Ernster and Kerlikowske 947 C); False-positive, no effect on subsequent screening behaviour (Bonn 227 N); Psychological factors influ-

encing uptake (Bonn 227 N)
Managed care Improvements by United Health and frequent doctors' deception on patients' behalf (1743 E); Patients' bill of rights passed by US Senate (Rovner 316 N); Reforms on US political agenda (Greenberg 1799 N); Successes but concerns over quality of care of HMOs (351 E) (Singer 1037 C)
Mannose-binding lectin Familial deficiency associated with meningococcal disease (Bax et al 1094 R); Gene variants associated with meningococcal disease susceptibility (Garred et al 336 C) (Tang and Kwiatkowski 336 C) (Hibberd et al 337 C) (van Helder and Hoal-van Helden 337 C) (Kuijper et al 338 C) (Megyeri et al 338 C)
Marathon New York City Marathon for amputees/paraplegics and physically impaired (Nissenblatt 331)
Marfan's syndrome Dural ectasia for diagnosis of (De Paepe 878 Com) (Fattori et al 910)
Marijuana see Cannabis
Marinol Trial of synthetic THC in Canada (Kondro 1367 N)
Mass sociogenic illness In Belgium and Coca-Cola association (Nemery et al 77 C) (Van Loock et al 680 C) (Pouthier 681 C)
Massachusetts Medical Society Dismissal of *NEJM* editor over refusal to use journal's name to endorse "products" outside responsibility of editor (Horton 358 Com) (Horton 399 N) (Evjy and Baron 869 C) (Kassirer 869 C) (Tormey 869 C)
Mastectomy Ischaemic heart disease morbidity/mortality after (randomised trials) (Højris et al 1425)
Maternal age-standardisation Of Down's syndrome prevalence (Cuckle 529 Com)
Maternal mortality Increase in developing countries and new strategies for reduction (Weil and Fernandez 940) (AbouZahr 2085 C) (De Brouwere et al 2085 C) (King 2086 C); Mode of delivery and (Hall and Bewley 776 C); In South Africa (Baleta 1536 N); UN agencies to join forces to reduce (Ahmad 1622 N)
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Maternity care Policy in Brazil (Misago et al 1391 C)
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Mean aortic pressure Estimation (Chemla et al 596 C)
Measles Outbreak in Jarawa tribe of Andaman Islands (Kumar 1624 N); Vaccine for children in rich/poor countries (Shann and Steinhoff sII8)
Measles, mumps and rubella (MMR) vaccine Autism association (Wakefield 949 C) (Taylor et al 950 C) (Roberts 951 C); Refusal rights (Bradbury 655 N); Rubini strain and mumps resurgence in Singapore (Goh 1355 R)
Measles vaccine Refusal and epidemic risk with in US and UK (Mitchell 133 N)
Measles virus Acute renal failure with neurological involvement association (Wairagkar et al 992)
Measurements Metric system introduction in UK and USA (85 E) (Davis 780 C) (Geisler 780 C)
Médecins Sans Frontières International medical evacuations in Macedonia (Kelly et al 2076); Nobel Prize for peace (1455 N)
Medem (medical empowerment) Website launched (Larkin 1741)
Media Antiaspartame campaign on Internet (Zehetner and McLean 78 C); Coverage of first transplantations in Japan and public distrust (Watts 229 N); Di Bella therapy debate and (Laderoute 159 C) (Tirelli and Di Filippo 159 C); Gun danger campaign in US (525 E) (males 1563 C); Hype over glucosamine benefits in osteoarthritis (Adams 353 Com) (Cumming 1640 C) (Adams 1641 C); Overreaction to suspected Ebola outbreak in Germany (Glass 578 N); Response to dismissal of *NEJM* editor (Horton 358 Com) (Horton 399 N)
Median nerve Reduced movement in carpal tunnel during wrist flexion in repetitive strain injury (Greening et al 217 R) (Awerbuch 1557 C) (Greening et al 1558 C) (McNally and Halliwell 1558 C)
Medical Defence Union New approach to handling litigation costs proposed in Ireland (Birchard 1710 N)
Medical degrees Indian medical board plan for global recognition (Sharma 579 N)
Medical editors Role in raising awareness of good research and scientific misconduct handling (Horton 7 Com) (Nylenna 57) (Bergh and Södersten 601 C)
Medical education Of doctors of tomorrow (Clift and Short sIV34); History (Gourevitch sIV33); Stories at work and reflective writing for practitioners (Bolton 243); *See also* Continuing medical education; Medical training
Medical errors Rate "unacceptable" in US (Mitchell 1980 N)
Medical evacuations Principles and assessment in Macedonia (Kelly et al 2076)
Medical historians Role and increasingly large task (Tansey 1811)
Medical History, Department Bone and joint surgery in 14th century (Ba[v]lic et al 1200) (Romanovsky 1910 C); Discover of cause and treatment of peptic ulcer disease (Lykoudis J) (Rigas et al 1634); Duchesne E and concept of fungal antibiotic therapy (Duckett 2068); Dustbin of history and modern medicine (Tansey 1811); Early modern debate about foreign drugs: localism versus universalism (Wear 149); Ether and chemical-contact dissolution of gallstones (Helmstädter 1376) (Dekkers 2171 C); First English medical journal *Medicina Curiosa* (Colman 324); Herophilus, Erasistratus and birth of neuroscience (Wills 1719); Ramazzini and workers' health (Franco 858); Tattoos and link to acupuncture points in mummies reveals "medical report" from stone age (Dorfer et al 1023) (Moore 1650 C); Von Richthofen M F ("Red Baron")'s medical record (Allmers 502); *See also* History
Medical indemnity insurance Increased subscriptions in Ireland (McKenna and Geary 685 C) (Tomkins 1214 C)
Medical information Diagnosis in internet age (Balteskard and Rinde sIV14); On Internet and reliability issue (Ramsay 490 N); Release via Internet and way to keep relatives informed (Boots et al 517 C)
Medical Parliamentarians Health for poor ensured in southeast Asia (Sharma 1710 N)
Medical publications Conflict of interest over monetary reliance of Massachusetts Medical Society on *NEJM* and editor's response resulting in dismissal (Horton 358 Com) (Horton 399 N) (Evjy and Baron 869 C) (Kassirer 869 C) (Tormey 869 C); First English medical journal *Medicina Curiosa* (Colman 324); Geography (Takei 516 C) (Rosselli 517 C); Ghost authoring problem (Larkin 136 N) (Larkin 1563 C) (Phillips and Carey 1563 C); Importance of editorial independence (Tormey 869 C); Increase in article number with time and statistics (Tansey 1811); *The Lancet* ombudsman's third report (Sherwood 91 Com); Registration of randomised trials and role in database development (Horton and Smith 1138 Com) (Keen and Viberti 1736 C); Under-reporting of "negative" trials and need for registration of randomised trials (Horton and Smith 1138 Com) (Keen and Viberti 1736 C); *See also individual journals*
Medical records Confidentiality and proposed rules for in US (Rovner 1711 N); Doctors' opposition to mandatory information disclosure in Japan (Watts 54 N); Historical, management methods (Tansey 1811); Increase in size with time and statistics (Tansey 1811); Patients' access in Spain (Bosch 232 N)
Medical research Calls for changes in animal research and attacks on US researchers (Ferry 1978 N); In children, scientific and ethical issues (Smyth and Weindling sII21); EU nominee for 5th Framework Programme for Research and Development and priorities (Bosch 1011 N); European Bioethics Convention regulations to start in year 2000 (Rogers 1011 N); Fraudulent and handling of scientific misconduct (review) (Horton 7 Com) (Nylenna 57) (Nylenna et al 57) (Bergh and Södersten 601 C); Funding preparations for post-genome research boom (Ashraf 2145 N); Grants increased in Australia (Tattam 1982 N); Industrial funding and influences (Ruffmann 602 C); *The Lancet* electronic research archive (McConnell and Horton 2 Com); Misconduct and COPE guidelines on advice and action (Ramsay 930 N); Need for registration of randomised trials (Horton and Smith 1138 Com) (Keen and Viberti 1736 C); New advocacy organisation setup in Australia (Tattam 2061 N); *See also* Biomedical research; Clinical research
Medical Research Council Controversy over congenital dislocation of hip diagnosis/screening (Feldman 1490 Com) (Chan et al 1514); Funding preparations for post-genome research boom (Ashraf 2145 N)
Medical schools Admissions limited in Italy (Simini 930 N)
Medical students Recruitment for Canada (Kondro 1104 N)
Medical training Of specialists in Spain and failure to apply European Commission legislation (Bosch 314 N)
Medicare Outpatient prescription drug benefits proposed by President (Rovner 138 N); Reversal of reductions (U-turn) in US (Rovner 2146 N)
Medicine Modern, risk and fall (Le Fanu 518 C); Nobel prize (1399 E)
Medicine and art Michelangelo's gout (Espinel 2149)
Medicine and culture Imaging of Peruvian mummy (Appelboom and Struyven 2153)
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Medicines for Malaria Venture Initiative announced (Bradbury 1624 N)
MEDLINE Bed rest as potentially harmful treatment and re-evaluation needed (Allen et al 1229) (Heaton 2004 C); Increase in size and statistics (Tansey 1811); Medline Workbench website (portal) (Larkin 1311)
Mégapoles Project Health of European cities (Bradbury 1010 N)
Melanoma, malignant Cutaneous disease compared to vulval disease (Dunton and Berd 2013 Com); Goserelin and radiotherapy trial (McNamee 1101 N); Mistletoe extract (Iscador) ineffective (McNamee 1101 N); Perfusion by channels without endothelium (de novo blood vessel formation) (Rowe 924 N); Sentinel node detection and role of radionuclides (Krag and Moffat 1019); Vulval, characteristics, classification, prognosis and management (Dunton and Berd 2013 Com)
Melatonin Sleep disruption in Smith-Magenis syndrome due to (McBride 1618 N)
Melphalan High-dose, neutropenia abrogation by CD34 cell generation ex vivo (Reiffers et al 1092 R)
Membranous nephropathy Clopidogrel associated (Tholl et al 1443 R)
Memorial Sloan-Kettering Cancer Center Varmus H to be President (1368) (Greenberg 1621 N)
Memory Episodic, deterioration in progressive epilepsy and differences from semantic memory (Helmstaedter and Elger 2133 R); Long-term memories not stored in hippocampus (Larkin 574 N); Mechanism of formation during sleep (Larkin 1532 N); New memory formation in hippocampus (Larkin 574 N); Odour eliciting and mechanisms (Larkin 2142 N); *See also* Amnesia
Men Alendronate treatment of osteoporosis (Newman 1270 N); Domestic violence increase and campaign against in Ireland (Birchard 2146 N); Eating disorder "not otherwise specified" in adolescent presenting with weight loss and purpura (case report) (Snape et al 1352); Haemochromatosis gene C282Y homozygotes in elderly and undiagnosed disease (Willis et al 221 R); Myocardial infarction (Bonn 401 N)
Meningitis Due to *Pasteurella multocida* transmission by dogs licking ears (Godey et al 1267 R); Enteroviral and pleconaril treatment (McConnell 1185 N); Incidence decline in The Gambia after conjugate Hib vaccine (Adegbola et al 1091 R); New meningitis C vaccine to be launched in UK (Bradbury 310 N) (Sbyrakis and Galanakis 1733 C)
Meningococcal conjugate vaccines Opportunities and challenges (Maiden and Spratt 615 Com)
Meningococcal disease Familial deficiency of mannose-binding lectin association (Bax et al 1094 R); Outcome and promoter polymorphism in plasminogen-activator-1 gene (Hermans et al 556); Serogroup C and conjugate vaccine introduction (Maiden and Spratt 615 Com); Susceptibility associated with variants of mannose-binding lectin gene (Garred et al 336 C) (Tang and Kwiatkowski 336 C) (Hibberd et al 337 C) (van Helder and Hoal-van Helden 337 C) (Kuijper et al 338 C) (Megyeri et al 338 C)
Meningococcal septic shock Risk associated with plasminogen-activator-1 gene variations (Westendorp et al 561)
Meningococci Group C, new meningitis vaccine to be launched in UK (Bradbury 310 N) (Sbyrakis and Galanakis 1733 C); Vaccine for children in rich/poor countries (Shann and Steinhoff sII9)
Menopause Intranasal 17 β-oestradiol for symptom relief (780 correction); *See also* Postmenopausal women
Menorrhagia Microwave endometrial ablation *vs* transcervical resection of endometrium (randomised trial) (Cooper et al 1859); Treatment choices (McGurgan and O'Donovan 1032 C) (Bolton-Maggs 1033 C)
Mental handicap Chromosomal basis and rearrangements (Hamerton and Stranc 1659 Com) (Knight et al 1676)
Mental health Of refugees from Kosovo (Black and Tosic 165 C)
Mental illness Early-onset drunk driving associated (Räsänen et al 1788 R); Evolutionary explanations (Morris 228 N); Excessive confinement and isolation to be prevented in Japan (Watts 316 N); New legislation in UK for mandatory treatment compliance (Ramsay 1801 N); Primitive conditions for patients in India (Sharma 495 N); *See also* Psychiatric disorders
Mental retardation see Intellectual disability
MERIT-HF study Pharmacological therapy in systolic heart failure (Fagerberg et al 1471 C) (Liedholm et al 1671 C) (DeMets et al 1984)
MERLIN Aid deal for TB control programme in Russia (Banatvala 56 N) (Banatvala et al 1036 C) (Oswald et al 1036 C)
Mesalazine Non-pathogenic *Escherichia coli vs* for ulcerative colitis treatment (randomised trial) (Rembacken et al 635) (Langman and Allan 2000 C) (Rembacken et al 2001 C)
Mesenteric blood vessels Dissemination of colonic epithelial cells after no-touch surgery for rectosigmoid cancer (Sales et al 392 R)
MeSH terms Geographic location and (Rosselli 517 C)
Mesial temporal sclerosis Surgery for epilepsy with extrahippocampal lesions and (Fisher and Blum 267 Com)

Mesorectal excision Importance of pelvic autonomic nerves preservation during (Maas et al 772 C)
Meta-analyses Effect size and number needed to treat (NNT) (Fang et al 597 C) (Scholten et al 598 C); Efficacy of cervical smear collection devices (Martin-Hirsch et al 1763); Improving report quality (QUOROM statement) and review (Walker 1834 Com) (Moher et al 1896); Pharmacological strategies to reduce excessive blood loss in cardiac surgery (Levi et al 1940); Ursodeoxycholic acid therapy for primary biliary cirrhosis (Goulis et al 1053)
Metabolism Impact of sleep debt (Spiegel et al 1435)
Metastases In dinosaur from Jurassic era (Rothschild et al 398 R); Oesophageal carcinoma and lymphatic anatomy (Rice 792 Com); Role of E-cadherin-catenin complex defects in pathogenesis (Wijnhoven and Pignatelli 356 Com); Selection of cell phenotypes by incomplete immune response and disease progression due to (Seymour et al 1989); *See also* Bone
Methadone Clinics in Ireland gain increasing disapproval (Birchard 229 N)
Methotrexate Breast cancer mortality during adjuvant therapy (Colleoni et al 130 R); Infliximab *vs* placebo with in rheumatoid arthritis patients (randomised trial) (Maini et al 1932); Neoadjuvant chemotherapy for muscle-invasive bladder cancer (randomised trial) (Bartelink 526 Com) (International collaboration of trialists 533) (1650 correction); Sensitivity increased by gene-directed cancer therapy (Bonn 1364 N)
Meticillin-resistant *S aureus* (MRSA) Development of strains with glycopeptide resistance (Labarca 1270 N); Quinupristin/dalfopristin as new antibiotic for (Johnson and Livermore 2012 Com)
Metric system Introduction slow in UK and USA (85 E) (Davis 780 C) (Geisler 780 C)
Mexico Human rights abuse/informed consent problems over family planning for poor women (Kirsch and Cedeño 419); Proposed student fee increase and strike by National Autonomous University of Mexico and SOS to scientific community (Cuevas-Sosa 1128 C); Scientific and research culture (Cuevas-Sosa 685 C)
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Mice Benzodiazepine side-effect mechanisms (Mitchell 1451 N); Sarcoglycan-sarcospan (SG-SSPN) complex disruption in vascular smooth muscle causing muscular dystrophy (Bonn 748 N)
Michelangelo Gout (Espinel 2149)
Microbiology Websites (Larkin 1831)
Microchimerism Allogeneic arm transplant survival despite donor-specific bone marrow (Horton et al 424 C) (Kanitakis et al 1820 C); In hand allograft (Kanitakis et al 1820 C); In Japanese women with systemic sclerosis (Murata et al 220 R)
Microchip For multi-drug delivery (Senior 1102 N)
Microscopes Ergonomic workstation proposal to prevent health hazard (Kreczy et al 1701 R)
Microscopy New methods (Quirke and Mapstone sl30)
Microvascular decompression Role in trigeminal neuralgia and multiple sclerosis (Broggi et al 1878 R)
Microwave endometrial ablation Transcervical resection of endometrium *vs* in menorrhagia (randomised trial) (Cooper et al 1859)
Micturition Evolution in man (Meyers 78 C)
MIDAS (Myocardial Infarction Data Acquisition System) MONICA project relationship (Kostis et al 863 C) (Tunstall-Pedoe et al 863 C)
Middle cerebral artery Bypass for ocular ischaemic syndrome treatment (Kawaguchi et al 2052 R); Stroke, rehabilitation after and benefits associated with focus of therapy (randomised trial) (Wade 176 Com) (Kwakkel et al 191) (Kwakkel and Wagenaar 1642 C) (McNaughton et al 1642 C)
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Minimally invasive surgery Future prospects (Baccarani et al 513 C); *See also* Laparoscopy
Mirror imaging Cerebral, in monozygotic twins (Sommer et al 1445 R)
Mirror writing Lewis Carroll's letters and Leonardo da Vinci's maps (Schott 2158)
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Miscarriage Caffeine intake link (1883 N); Recurrent, prevention by mononuclear cell immunisation (randomised trial) (Ober et al 365)
Missing values Estimation for trials (Herxenberg et al 686 C)
Mistletoe Extract (Iscador) ineffective in melanoma (McNamee 1101 N)
Mitochondria Genetics (Chinnery and Turnbull sl17); Impaired ATP production and respiration in Friedreich's ataxia (Simini 1269 N); Nucleoside-analogue reverse transcriptase inhibitor (NRTI)-induced toxicity (Morris and Carr 1046 Com) (Blanche et al 1084) (Brinkman et al 1112) (Poulton et al 2081 C)
Mitochondrial DNA Disorders and genetic tests (Chinnery and Turnbull sl19); Disorders and management (Chinnery and Turnbull sl17); Nuclear DNA differences (Chinnery and Turnbull sl17); Nucleoside-analogue reverse transcriptase inhibitor (NRTI)-induced dysfunction (Morris and Carr 1046 Com) (Blanche et al 1084) (Brinkman et al 1112) (Poulton et al 2081 C)
Mitomycin Adjuvant therapy in serosa-negative gastric cancer (randomised trial) (Nakajima et al 273)
Mitotane therapy For intractable Cushing's disease (Kawai et al 951 C)
Mitral regurgitation Causing right-sided pulmonary oedema (case report) (Brander et al 1440); Risk with dexfenfluramine (Senior 1881 N)
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Molecular Beacons system (van Ommen et al sl8)
Molecular biology Diagnostic tests for HIV-1 infection (Müller-Trutwin and Barré-Sinoussi 1660 Com)
Molecular genetics Future prospects (Tournier-Lasserve sl V22)
Molecular medicine Gene tests and disclosure (Motulsky sl35); Gene therapy (Smith sl1); Genetics of prions (Aguzzi and Brandner sl22); Histopathology (Quirke and Mapstone sl26); Human genome project and future of diagnostics/treatment and prevention (van Ommen et al sl5); Interpretation of results from genetic studies of multifactorial diseases (Todd sl15); *The Lancet* supplement (Hopkins 358); Mitochondrial DNA and disease (Chinnery and Turnbull sl17); Psychiatric genetics (Owen and Cardno sl11); Tissue engineering (Vacanti and Langer sl32)
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MONICA project Mortality rates for coronary disease in Europe and developing countries (Horton 791 Com); Survival trends and coronary event rates (Capewell 862 C) (Moss and Freed 862 C) (Alamgir et al 863 C) (Kostis et al 863 C) (Tunstall-Pedoe et al 863 C) (Rosamond et al 864 C)
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"Mozart effect" Limited improvement in IQ and conflicting evidence (Larkin 749 N)
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Na,K-ATPase Decreased density/activity causing hyperkalaemia in Thai man (Smit 1182 R)
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Nigeria Ageing in literature (Omobowale sIII21)

Nimesulide Actions and need for proper examination of drugs for registration (Bakhle 772 C); Neonatal end-stage renal failure after maternal ingestion (Peruzzi et al 1615 R); Use in children (Addis and Bonati 1034 C)

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Nitric oxide Acute effect on Raynaud's phenomenon in scleroderma (Freedman et al 739 R); In acute respiratory distress syndrome (Wyncoll and Evans 500 S); Generating system, effect on skin blood flow in Raynaud's syndrome (randomised trial) (Tucker et al 1670); Inhaled, for preterm infants with hypoxaemic respiratory failure (randomised trials) (Saugstad 1047 Com) (Kinsella et al 1061) (Franco-Belgium Collaborative NO Trial Group 1066) (1826 correction) (Modi and Doré 2162 C) (Yadav and Emmerson 2162 C) (Kinsella and Abman 2163 C)

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Nitric oxide synthase inhibitor Antioxidant combined with (BN 80933) and good neuroprotection (Moore 1007 N)

Nitrogen balance Growth hormone therapy in intensive care and concerns over (Senior 1007 N)

S-Nitrosothiols For nitrate tolerance (Maxwell et al 338 C)

Nobel A Background to Nobel prize (1399 E)

Nobel Chronicles Arber W (Raju 1567); Axelrod J (Raju 873); Baltimore D (Raju 1308); Beadle G (432 correction); Benacerraf B (Raju 1738); Bergström S K (Raju 1914); Bloch K (Raju 347); Blumberg B S (Raju 1394); Claude A (Raju 1219); Cormack A M (Raju 1653); Correspondence (de Scoville et al 258 C); Crick F H C (Raju 171); Dausset J B (Raju 1738); De Duve C R (Raju 1219); Delbrück M (Raju 784); Dulbecco R (Raju 1308); Eccles J C (Raju 263); Edelman G M (Raju 1040); Gajdusek D C (Raju 1394); Granit R A (Raju 605); Guillemin R C L (Raju 1481); Hartline H K (Raju 605); Hershey A (Raju 784); Hodgkin A L (Raju 263); Holley R (Raju 690); Hounsfield Sir G N (Raju 1653); Hubel D H (Raju 1828); Huggins C B (Raju 520); Huxley A F (Raju 263); Jacob F (Raju 434); Katz B (Raju 873); Khorana H (Raju 690); Lederberg J (432 correction); Lorenz K (Raju 1130); Luria S (Raju 784); Lwoff A (Raju 434); Lynen F (Raju 347); McClintock B (Raju 2007); Monod J (Raju 434); Nathans D (Raju 1567); Nirenberg M (Raju 690); Ochoa S (432 correction); Palade G E (Raju 1219); Porter R R (Raju 1040); Rous F P (Raju 520) (1038 correction); Samuelsson B I (Raju 1914); Schally A V (Raju 1481); Smith H O (Raju 1567); Snell G D (Raju 1738); Sperry R W (Raju 1828); Sutherland E W Jr (Raju 961); Tatum E (432 correction); Temin H M (Raju 1308); Tinbergen N (Raju 1130); Vane J R (Raju 1914); Von Békésy G (Raju 80); Von Euler U S (Raju 873); Von Frisch K (Raju 1130); Wald G (Raju 605); Watson J D (Raju 171); Wiesel T N (Raju 1828); Wilkins M H F (Raju 171); Yalow R S (Raju 1481)

Nobel Prize Background and need for clinical/epidemiological research to be included (1399 N); For originator of signal hypothesis of proteins (G Blobel) (Bradbury and Frankel 1363 N) (1399 E); For peace awarded to Médecins Sans Frontières (1455 N); For physiology or medicine (1399 E)

Nodules Cutaneous, *Toxocara canis* infection (case report) (Aragane et al 1872)

Nojirimycin Development and uses (Rowe 402 N)

Non-alcoholic steatohepatitis Causes (Knobler and Schattner 1298 C) (Luyckx et al 1298 C) (James and Day 1299 C) (Saibara et al 1299 C) (Krentz 1300 C)

Non-specific forearm pain (NSAP) see Repetitive strain injury (RSI)

Non-steroidal anti-inflammatory drugs (NSAIDs) COX-2 inhibitors vs in arthritis (MacReady 1881 N); Nimesulide action and adverse effects (Bakhle 772 C)

Nordic countries Scientific misconduct handling procedures (review) (Horton 7 Com) (Nylenna 57) (Nylenna et al 57) (Bergh and Södersten 601 C)

North Korea Mortality in migrants to China (Robinson et al 291)

Northern Ireland First health minister (De Brun) appointed (Ashraf 1981 N); Hospice for terminally ill children (Birchard 844 N); Ulster Pregnancy Advisory Association closure after picketing (Birchard 658 N)

Novartis Foundation Oestrogen role in cognitive improvement and neuroprotection (Melton 1101 N); Transplantation meeting (Melton 1272 N)

Nuclear disaster In Japan and radiation exposure of population (Watts 1271 N)

Nuclear medicine (Ell 616 Com); Cardiological applications (Schwaiger and Melin 661) (Kunkler 2002 C); Future prospects and new *The Lancet* series (Ell 616 Com)

Nuclear medicine sextet Cardiological applications of nuclear medicine (Schwaiger and Melin 661); Nuclear medicine in cancer diagnosis (Eary 853); Nuclear medicine in neurology and psychiatry (Costa et al 1107); Nuclear medicine role in infection and inflammation (Corstens and van der Meer 765); Nuclear medicine and surgeons (Krag and Moffat 1019); Radionuclide therapy (Chatal and Hoefnagel 931)

Nuclear plants Paternal preconceptional radiation exposure and stillbirths linked (Inskip 1400 Com) (Parker et al 1407)

Nuclear tests Australian government rejection of findings on health of veterans (Tattam 403 N); HIV contracted by girl after blood transfusion (Loff and Cordner 404 N); Ret proto-oncogene rearrangement in thyroid cancer around test sites (Alipov et al 1528 R)

Nucleoside-analogue reverse transcriptase inhibitor (NRTI) Mitochondrial toxicity induced by (Morris and Carr 1046 Com) (Blanche et al 1084) (Brinkman et al 1112) (Poulton et al 2081 C)

Nuffield Council on Bioethics Research ethics in developing countries (Ramsay 1405 Com)

Nuffield Trust National strategy in UK for arts and humanities in health care launched by (Morris 1651)

Number needed to treat (NNT) Effect size and conversion table (Fang et al 597 C) (Scholten et al 598 C)

Nunavut (self-governing Eskimo territory) Health and health care in (Ferry 312 N)

Nurse practitioners Role in emergency medicine (randomised trial) (Robinson and Inyang 1319 Com) (Sakr et al 1321)

Nurse-led sedation service For paediatric MRI (Laurence et al 953 C) (Millar 953 C)

Nurse–patient communication Failures (Alfonso 518 C)

Nurses Career progression and role of nurse practitioners (Robinson and Inyang 1319 Com); Strike in Canada (Quebec) (Kondro 139 N); Strike in Canada (Quebec) and possible resolution (Kondro 232 N); Strike in Ireland (1455 N); Strike in Ireland and impact (Birchard 1621 N); Strike preparations in Ireland (Birchard 1188 N); Telephone advice lines (NHS Direct) (Shekelle and Roland 88 Com)

Nurses' Health Study Cardiovascular disease risk with stearic acid in chocolate (1881 N); Low-dose aspirin use and stroke prevention in women (MacReady 840 N); Type 2 diabetes risk reduced by regular brisk walking (Wunsch 1449 N)

Nursing homes Behavioural management (randomised trial) (Proctor et al 26)

Nutrition For all in next millennium (Gibney and Strain sIV38); Potatoes and disasters (history and art) (Hautvast sIV37); Research and need for regulation of functional foods (Katan 794 Com); See *also* Diet

O

Obesity Increase in Japan (1455 N); Increased prevalence in children (UK) (Reilly and Dorosty 1874 R); Leptin treatment potential (MacReady 1531 N); Peroxisome proliferator-activated receptors (PPAR) actions (Vamecq and Latruffe 146)

Objects Failure to recognise by touch see Astereognosia

Obsessive-compulsive disorders Electrical stimulation in anterior limbs of internal capsules (Nuttin et al 1526 R); Post-streptococcal autoimmunity causing and immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153)

Obstetric procedures Brachial palsies from (Kay 614 Com)

Obstetricians Increased subscription for medical indemnity in Ireland (McKenna and Geary 685 C) (Tomkins 1214 C)

Obstetrics and gynaecology Future prospects and techniques (Fauser and te Velde sIV40); Historical aspects (Longo sIV39)

Obstructive sleep apnoea Blood pressure in and role of carotid chemoreceptors (Calverley 969 Com); Cardiovascular disease link (Calverley 969 Com); Ethical requirements for research (Benatar 1212 C) (Leung et al 1212 C) (Stradling et al 1213 C) (Teramoto et al 1213 C); See *also* Sleep apnoea

Obstructive uropathy Long-term outcome in children after antenatal intervention (Freedman et al 374) (Freedman and Johnson 1904 C) (Johnson 1904 C) (Wisser et al 1905 C)

Occam, William of In memory (Wildner 2172 C)

Occupational conditions Repetitive strain injury due to reduced movement of median nerve in carpal tunnel (Greening et al 217 R) (Awerbuch 1557 C) (Greening et al 1558 C) (McNally and Halliwell 1558 C)

Occupational diseases Asthma in Europe (166 correction); Classification and workers' health protection work by Ramazzini (history) (Franco 858); Nipah virus encephalitis outbreak associated with pig farming and abattoirs (Farrar 1222 Com) (Paton et al 1253) (Chua et al 1257)

Occupational exposures Aluminium dust and effect on brain (Kilburn 1575 Com); Aluminosis and dementia link reappraisal (Sjögren et al 1559 C); Organophosphates and reduced bone formation after (Compston et al 1791 R); Risks with cumulative sheep-dip exposure (Morris 133 N)

Occupational hazards Ergonomic microscope to prevent (Kreczy et al 1701 R)

Occupational stress Japanese government guidelines for workers (Watts 1273 N)

Occupational therapy Stroke patients not admitted to hospital (randomised trial) (Walker et al 278) (Langhorne et al 1730 C) (Landi et al 1731 C); See *also* Rehabilitation

Ochoa S (432 correction)

Ocular ischaemic syndrome Reversed flow in ophthalmic artery causing and effects of bypass (Kawaguchi et al 2052 R)

Odour Memories elicited and mechanisms (Larkin 2142 N)

OEPA regimen Hodgkin's disease treatment (Bonn 2057 N)

Oesophageal carcinoma Superficial and need for three-field lymphadenectomy (Rice 792 Com)

Oesophagus Involvement in pemphigus vulgaris (Gomi et al 1794 R); Lymphatic anatomy and metastatic spread of carcinoma (Rice 792 Com)

Oestradiol Age estimations of perimenopausal women (Wildt and Sir Petermann 224 R) (Malnick et al 955 C); Intranasal for menopausal symptoms (780 correction)

Oestrogen Age estimations of perimenopausal women (Wildt and Sir Petermann 224 R) (Malnick et al 955 C); Cognitive improvement in postmenopausal women and neuroprotection by (Melton 1101 N); Smoking effect on (Malnick et al 955 C); See *also* Phyto-oestrogens

Oestrogen receptor α Low expression in normal breast associated with low breast cancer incidence (Lawson et al 1787 R)

Official Medical Colleges (OMC) Council (Spain) Approval of new code of ethics (Bosch 1189 N)

Ohman E M (962 L)

Olanzapine Agranulocytosis induced by (Naumann et al 566 R); Neutropenia induced by after clozapine-induced neutropenia (Benedetti et al 567 R)

Olestra Faecal excretion of TCDD increased and chloracne treatment (Geusau et al 1266 R)

Olfactory cortex Limbic system link and odours eliciting memories (Larkin 2142 N)

Oligosaccharides Therapeutic uses (Rowe 402 N)

Onchocerciasis Control in Ghana after end of Onchocerciasis Control Programme (OCP) (Stevenson 2143 N); Control in Sudan (Homeida et al 601 C); Global programme under threat and World Bank warning (Ahmad 1455 N)

Onchocerciasis Control Programme (OCP) Ending and concerns over control after (Stevenson 2143 N)

Oncogenes Discovery by Barbacid and background (Bosch 492 N)

Oncology Future prospects (Cavalli sIV42); Origin and evolution (Kennedy sIV41); Pan-European accreditation for continuing medical education (1007 N)
Ondansetron Profound fatigue in chronic liver disease relieved by (Jones 397 R)
Oocyte Retrieval and prophylactic antibiotics benefit (Egbase et al 651 R)
Operation Smile Malpractice claims and investigation (1982 N)
Ophthalmic artery Reversed flow and ocular ischaemic syndrome treatment by bypass (Kawaguchi et al 2052 R)
Ophthalmology Historical aspects (Daxecker sIV43); Present techniques and future prospects (Thylefors sIV44)
Opiates μ receptor expression causing pain sensitivity levels (Larkin 310 N)
Opioids Rapid detoxification and pharmacological basis for (Spanagel 2017 Com); Receptors and basis for rapid opioid detoxification (Spanagel 2017 Com)
Opium Burma as world's largest source and high rates of use (Chelala and Beyrer 1119)
Opportunistic infections In HIV-1 infection and EU-specific guidelines for prevention (Yazdanpanah et al 1305 C)
Opsoclonus, myoclonus and ataxia (dancing eyes–dancing feet) Associated with enterovirus infection (case report) (Imtiaz and Vora 390)
Optic neuritis In multiple sclerosis and neural network reorganisation after (McCarthy 1361 N)
Oral care Poor care in institutions for elderly and pneumonia risk (Yoneyama et al 515 C)
Oral contraceptives Cerebral haemorrhage risk with different progestagens (Jick et al 302 R); Effect of different progestagens on stroke risk (Poulter et al 301 R); Hepatocellular carcinoma association (Bell 253 C) (Schafer and Sorrell 253 C); Importance of levonorgestrel dose for effects on coagulation (Kluft et al 832 R); Low-dose and acquired resistance to activated protein C (randomised cross-over study) (Rosing et al 2036); Risk of hip fracture and (La Vecchia et al 335 C); Third generation, cerebral haemorrhage risk with different progestagens (Jick et al 302 R); Third generation, effect of different progestagens on stroke risk (Poulter et al 301); Venous thromboembolism among new users (Herings et al 127 R) (Bloemenkamp et al 1469 C) (D'Souza and Guillebaud 1469 C) (Herings et al 1469 C) (Lewis et al 1470 C) (1478 correction)
Oral flora New bacterial phylotypes in subgingival crevice (2141 N)
Oral rehydration solution Reduced osmolarity, efficacy/safety in cholera (randomised trial) (Alam et al 296) (Cash et al 1733 C) (Alam 1734 C)
Orbitopathy Thyroid-associated, *CTLA-4* gene polymorphism confering susceptibility (Vaidya et al 743 R) (Buzzetti et al 1824 C)
Orexin (hypocretin) receptor 2 gene Mutation in canine narcolepsy (Bonn 574 N)
Organ(s) Guidelines for retaining after post-mortems (UK) (Mitchell 1366 N); Transplantation see Transplantation; *See also* Necropsy
Organic food Guidelines agreed by international food committee (Kapp 314 N)
Organochlorine compounds Serum levels and K-*ras* mutations in exocrine pancreatic cancer (Porta et al 2125)
Organophosphates Insufficient evidence of harm (1982 N); Poisoning (warfare) presenting with hyperventilation, hypophosphatemia and respiratory arrest (case report) (Björnsdóttir and Smith 2130); Reduced bone formation after exposure (Compston et al 1791 R); Risks with cumulative sheep-dip exposure (Morris 133 N)
Oropharyngeal dysphagia Screening/assessment in general hospitals (Farrell and O'Neill 355 Com)
Orthopaedics Historical aspects (Böni sIV45)
Orthostatic hypotension In elderly and haemodynamics of efficacy of compression hosiery (Henry et al 45 R)
Oseltamivir Influenza prevention (Bonn 1619 N)
Osteoarthritis Glucosamine benefits, trials and media hype (Adams 353 Com) (Cumming 1640 C) (Rovati et al 1640 C) (Adams 1641 C) (Russell and McCarty 1641 C)
Osteogenesis Distraction, leg lengthening (Gross 1574 Com) (1736 correction)
Osteogenic sarcoma Boy's death after alternative medicine and faith not chemotherapy (Canada) (230 N)
Osteopathy For low back pain (Senior 1706 N)
Osteopenia In clinically silent coeliac disease and screening requirement (Mustalahti et al 744 R)
Osteoporosis Clinical synthesis meeting (Boyle et al 1664 Com); Fall-related risk factor detection in women referred for bone densitometry (Durward et al 220 R); Hormone replacement therapy benefit (Clinical Synthesis Panel on HRT 153); In men and alendronate treatment (Newman 1270 N); Possible role of statin therapy (1976 N)
Osteosarcoma Alternative therapy case in Canada (Laderoute 159 C)
Otitis media *Alloiococcus otitis* detection from middle-ear effusions (Beswick et al 386); Recurrent, surgical intervention not first-line treatment (925 N)
Otorrhoea Chronic purulent due to *Pasteurella multocida* transmission by dogs licking ears (Godey et al 1267 R)
Ovarian cancer Infertility link (Nieto et al 649 R) (Eisinger et al 1648 C); Liposomal doxorubicin approved by FDA (140 N); Management of women at high genetic risk (Eisinger et al 1648 C); Prevalence (Manassiev 509 C) (Jacobs et al 510 C); Screening (Chappuis et al 509 C) (Emery et al 509 C) (Manassiev 509 C) (Jacobs et al 510 C)
Oxaliplatin Haemolytic anaemia due to (Desrame et al 1179 R)
Oxidative stress As link in two-stage model of pre-eclampsia (Roberts and Hubel 788 Com) (Chappell et al 810)
Oxygen Higher concentrations during surgery to reduce postoperative nausea (Simini 1618 N); Subcutaneous tension affected by postoperative pain control (Akça et al 41 R); Topical hyperbaric, in diabetic foot management (Landau and Schattner 1125 C)

P

***p53* gene** Alleged unlicensed gene therapy trial in liver tumour patients in UK (Mitchell 225 N); Codon 72 polymorphisms in cervical cancer (Zehbe et al 218 R) (Helland et al 1561 C) (Zehbe et al 1562 C)
Packed-cell volume Low, acute anaemia complications due to (Sandham 883 Com)
Paediatric cardiac surgery Bristol inquiry see Bristol Royal Infirmary Inquiry
Paediatric drug formulary Launched in UK (140 N)
Paediatric oncology New antitumour agents predicted for millennium (Parker 1100 N)
Paediatric wards Covert video surveillance (Ashraf 1276 N)
Paediatrician Suspended (Southall D) over alleged lack of informed consent for babies on ventilation trial (Ramsay 2144 N)
Paediatrics Evidence-based and value-based (Díaz-Rosello sIV28)
Pain Angina pain management by spinal cord stimulation (Brodison and Chauhan 1748); Assessment during blood glucose testing (randomised trial) (Loveland et al 921 R); Chronic, epidemiology in community (Elliott et al 1248); Measurement and management in neonates and young children (Mitchell 1708 N); Neonatal responses related to severity of procedure (Moore 226 N); Pathological and cortical origin (hypothesis) (Harris 1464); Postoperative control and effect on subcutaneous oxygen tension and wound infections (Akça et al 41 R); Postoperative and effect on subcutaneous oxygen tension and wound infections (Akça et al 41 R); Sensitivity and role of opiate receptor μ expression levels (Larkin 310 N)
Pain Observation Scale for Young Children (Mitchell 1708 N)
Pakistan Antipsychotic drug withdrawal and anger/concerns (Ahmad 846 N); Cattle fodder sold as food (Ahmad 1982 N); Conflict over Kashmir (Ahmad 56 N); Mass murder of children (Ahmad 2144 N); Military coup and new era (Ahmad 1453); Public protests after rape at (Ahmad 659 N); Vitamin A deficiency prevention programme (1888 N)
Palade G E (Raju 1219)
Palaeoepidemiology Syphilis (Bosch 2056 N)
Palestinians Health care and human rights abuses (Pourgourides 420) (Dukker 1037 C); Progress on agreement with Israelis on torture (Forrest 1981 N)
Palliative care Continbum and lessons from caring for HIV-1 infected children (Oleske and Czarniecki 1287); Expansion and plan approved in Spain (Bosch 1105 N); Guiding principles and limitations (Oleske and Czarniecki 1288); Suicide by cancer patients cared at home (Ripamonti et al 1877 R); Will to live fluctuation in terminally ill (Chochinov et al 816) (Terman 2083 C) (Chochinov et al 2084 C) (Hanratty and Lawlor 2084 C) (Preston 2084 C)
Pallidotomy Unilateral for Parkinson's disease (randomised trial) (Quinn 1658 Com) (de Bie et al 1665)
PAMELA study Hypertension treatment (Pickering 593 C)
Pan European Trial in Adjuvant Colon Cancer-1 (PETACC-1) Raltitrexed *vs* fluorouracil and folinic acid trial stopped by company and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C)
Pancreas Glucagonoma presenting with diffuse rash (case report) (Uwaifo et al 480)
Pancreatic cancer Exocrine, aetiological role of K-*ras* mutations due to organochlorine compounds (Porta et al 2125)
Pancreatic enzymes Colonic toxicity (Bakowski 249 C) (Connett and Rolles 249 C) (Prescott 250 C) (van Velzen 250 C) (Lloyd-Still et al 251 C) (Powell 251 C)
Pancreatitis Acute, induction by MRI contrast agent (Terzi and Sökmen 1789 R); Chronic, cationic trypsinogen gene (*PRSS1*) mutations (Creighton et al 42 R) (Creighton et al 1302 C) (Teich et al 1302 C)
Pancreato-cholangitis Sclerosing, response to steroid therapy (Erkelens et al 43 R) (Kasperlik-Zaluska et al 776 C)
Papillon-Lefèvre syndrome Cathepsin C deficiency and periodontitis aetiology (Senior 1975 N)
Papua New Guinea Decline in child health (Duke 1291); Vitamin A supplementation effect on morbidity due to *Plasmodium falciparum* in children (randomised trial) (Shankar et al 203)
Paraceisus Wound treatment (Romanovsky 1910 C)
Paralympic games 755
Paramyxovirus Nipah virus encephalitis emergence/spread in Singapore/Malaysia and association with pig farming (Farrar 1222 Com) (Paton et al 1253) (Chua et al 1257)
Paranoid psychosis Pharmacotherapy in individuals with intellectual disability (Santosh and Baird 238 S)
Paraplegia New York City Marathon report (Nissenblatt 331)
Parathyroid disease Role of nuclear medicine (Krag and Moffat 1021)
Parathyroid glands Preoperative imaging (Loney et al 1819 C) (Chesser et al 1820 C)
Paraxanthine Miscarriage link (1883 N)
Parents' Postoperative Pain Measure (PPPM) (Mitchell 1708 N)
Parietal cortex Astereognosia resulting from lesions in area for input from finger joints with tactile information (Tomberg and Desmedt 393 R)
Paris Prospective Study I Diabetes as risk factor for sudden death (Balkau et al 1968 R)
Parkinsonism Atypical, after consumption of plants in French West Indies (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C)
Parkinson's disease Clindamycin-induced tremor improvement by inhibition of nicotinic transmission (Schulze et al 1792 R); Growth hormone response to clonidine (Mathias and Kimber 339 C); Long-term benefits of embryonic nigral grafts (Ahmad 1882 N); Mortality in ex-prisoners of war in the Far East (Gale et al 2116); Nigral endothelial dysfunction and increased homocysteine levels after long-term levodopa (Müller et al 126 R); Nuclear medicine in (Costa et al 1109); Unilateral pallidotomy *vs* medical treatment (randomised trial) (Quinn 1658 Com) (de Bie et al 1665)
Paroxetine Post-traumatic stress disorder treatment (Larkin 1008 N)
Paroxysmal atrial fibrillation Digoxin treatment (Robles de Medina and Algra 882 Com)
Particulate pollution Respiratory symptoms in children and cardiovascular disease in adults (Grigg 1451 N)
Parvovirus B19 Historical records and spread to Europe from explorers of new world (Altschuler 1026); Rheumatoid arthritis pathogenesis (Altschuler 1026)
Passive smoking Dangers (1883 N); Increased stroke risk with (Bradbury 653 N)
Pasteurella multocida Transmission by dogs licking ears and otorrhoea and meningitis due to (Godey et al 1267 R)
Patent Human genome issues (1135 E)
Paternity case Use of national heel-prick blood samples in New Zealand (Coney 753 N)
Pathological laughing and crying Historical case (Altschuler and Wisdom 1736 C)
Pathology Demands and need for increased necropsy rate (Lugli et al 1391 C) (Hall 2004 C)
Patient-directed drug advertising Pressure on US doctors (Pirisi 1887 N)
Patients Access to medical records in Spain (Bosch 232 N); Bill of rights passed by US Senate (Rovner 316 N); Can sue health-plan providers in US (Rovner 1366 N); Complaint handling system in UK and Health Committee report (Ramsay 1705 N); Concerns/complaints over NHS and dealing with (Hill and Baeza 2099 Com); Effect of video information on precolonoscopy anxiety and knowledge (randomised trial) (Luck et al 2032); Listening to and use of complementary medicine (Coulehan 1467 Es); Lying by doctors to insurance companies over and managed-care improvements (1743 E); Passiveness or involvement and patients in future (Thornton sIV48); Perceptions of intensive care (Simini 571 R); Positive potential of sad experiences (Burns-Cox 344 C); Recalled after endoscope contamination in New Zealand (Coney 578 N); Subjectivity and ethics (history) (von Engelhardt sIV47); Telling truth on pessimistic diagnoses in Japan (Akabayashi et al 1263 R)
Patients' rights Strengthened by new US bill (Rovner

1366 N)
Peer counselling Home-based, exclusive breastfeeding promotion (McInnes and Stone 161 C) (Morrow et al 161 C)
Peer review Ghost authoring of medical papers and (Larkin 136 N) (Larkin 1563 C) (Phillips and Carey 1563 C); *The Lancet* electronic research archive in international health (McConnell and Horton 2 Com); Protocol requirement and need for registration of randomised trials (Horton and Smith 1138 Com) (Keen and Viberti 1736 C); System for grant applications (265 E) (Kernick 870 C); System overhaul at NIH (Greenberg 577 N) (Fusaro 1649 C)
Pemphigoid gestationes Characteristics and case numbers (Bos 1140 Com)
Pemphigus (Nousari and Anhalt 667 S); Paraneoplastic (Nousari and Anhalt 670 S)
Pemphigus foliaceus (Nousari and Anhalt 669 S)
Pemphigus vulgaris (Nousari and Anhalt 667 S); Oesophageal involvement (Gomi et al 1794 R)
Penile injection therapy For erectile dysfunction (Morgentaler 1717 S)
Penile prosthesis For erectile dysfunction (Morgentaler 1717 S)
Peptic ulcer Discover of cause and treatment (Rigas et al 1634)
Peptide therapy Radionuclide (Chatal and Hoefnagel 934)
Percutaneous laser ablation MRI-guided for uterine fibroids (Law et al 2049 R)
Percutaneous radiofrequency thermal ablation Hepatocellular carcinoma (Jiao 427 C)
Percutaneous transluminal coronary angioplasty Coronary stenting with abciximab *vs* (randomised trial) (Topol et al 2019); See *also* Angioplasty
Perimyocarditis Chronic, *Rickettsia helvetica* causing and sudden cardiac death association (Nilsson et al 1169)
Perinatal information system (SIP) In Latin America and Caribbean (Simini 75 C)
Periodic fevers Genes associated (Simon and Drenth 2141 N)
Periodontitis Cathepsin C deficit role in aetiology (Senior 1975 N)
Peripheral arterial disease Walking improvement by carnitine supplements (Senior 1617 N)
Peritonitis Spontaneous bacterial and albumin infusion for (Runyon 1838 Com)
Pernicious anaemia Sublingual cobalamin replacement therapy (Delpre et al 740 R) (Bodamer and Scaglia 1562 C) (Freeman 2080 C) (Borchardt and Malnick 2081 C) (Stark et al 2081 C)
Peroxisome proliferator-activated receptors (PPAR) Medical significance (review) (Vamecq and Latruffe 141); Structure/forms/function/ligands and gene expression (Vamecq and Latruffe 141)
Persistent pulmonary hypertension of newborn (PPHN) Inhaled nitric oxide for (randomised trials) (Saugstad 1047 Com) (Kinsella et al 1061) (Franco-Belgium Collaborative NO Trial Group 1066) (1826 correction) (Modi and Doré 2162 C) (Yadav and Emmerson 2162 C) (Kinsella and Abman 2163 C)
Personality disorders Borderline (Turer 2095 Com); Dangerous individuals may be imprisoned indefinitely in UK (Ramsay 315 N); Preventive detention in UK (Dean 403 N)
Pertussis Prophylaxis with erythromycin and infantile hypertrophic pyloric stenosis after (Honein et al 2101)
Pertussis vaccine Acellular vaccine combined with *H influenzae* type b conjugate vaccination (review) (Eskola et al 2063); Influence of vaccination coverage on transmission in France (Grimprel et al 1699 R); Vaccine for children in rich/poor countries (Shann and Steinhoff sII9)
Peruvian mummy Medical imaging (Appelboom and Struyven 2153)
Pesticides Exposure and decreased fertilisation rates in vitro (Tielemans et al 484 R) (Infante-Rivard and Sinnett 1819 C); Paternal exposure and increased risk of childhood leukaemia (Infante-Rivard and Sinnett 1819 C); See *also* Organophosphates
PETACC-1 trial Raltitrexed *vs* fluorouracil and folinic acid trial stopped by company and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C)
pH Dependency of serum ionised calcium (Dewitte et al 1793 R)
Phantom limb pain Cortical origin (hypothesis) (Harris 1464); Treatment (Woolf and Mannion 953 C)
Pharmaceutical companies "Bribery" of doctors investigated in Spain (Bosch 1537 N); Class action against over vitamin price fixing in Australia (230 N); Involvement in ghost authoring for medical journals (Larkin 136 N); Links to researchers and conflict-of-interest policy of *New England Journal of Medicine* (Ramsay 1536 N); Manufacturer sought for eflornithine treatment of sleeping sickness (Pécoul and Gastellu 955 C); Plant products targeted for future drugs (Stevenson 490 N); WHO drug donation guidelines signed (Kapp 1367 N)
Pharmaceutical industry Opposition to review of TRIPS agreement at World Trade Organisation meeting (Seattle) (1571 E)
Pharmaceuticals World Trade Organization patenting rules and implementation problems in Latin America (Rogers 1104 N); See *also* Drugs
Pharmacies Role in China (Beach 493 N)
Pharmacists Mass walk-out in Quebec (Kondro 929 N)
"Pharmacocentricity" History of pharmacology (Garattini sIV51)
Pharmacology Future directions (Lohse sIV52); History (Garattini sIV51)
Pharmacotherapy In post-traumatic stress disorder (Turner 1404 Com)
Pharmacovigiliance In year 2000 (Sue Wood Symposium) (McNamee 1406 Com)
Phentermine Fenfluramine with and compensation for heart valve damage (658 N); Fenfluramine with (phen-fen) and safety (1271 N)
Phenylketonuria Compulsory neonatal screening in Italy (Simini 577 N)
Philippines Colour-coded clothing system for family planning based on cervical mucus (Wallerstein 579 N)
Phlioctetes Foot pain (Grassi et al 2156)
Photodynamic therapy Vision loss in macular degeneration slowed (Senior 1532 N)
Phthalates Banned from children's toys in EU (Bosch 2060 N)
Physical exercise Cardiovascular benefits of walking (Larkin 134 N); Type 2 diabetes risk reduced by regular brisk walking (Wunsch 1449 N)
Physician-assisted suicide Attitudes of Italian doctors (Grassi et al 1876 R); Oregon's law blocked by US House of Representatives (Rovner 1623 N); See *also* Euthanasia; Suicide
Physicians Advertising in Italy (Simini 1274 N); Attitudes to disabled colleagues (Wainapel 763); Breastfeeding patterns and influence on (Galanakis 77 C); Disability in (Wainapel 763); Influence of attitudes on patient survival in breast cancer (Tucker 1320 Com) (Watson et al 1331); Patient e-mail communication (Larkin 1654); As scientists and naturalists and public trust (1485 E) (Calman 2172 C); See *also* Doctors; General practitioners (GPs)
Physician's assistants Role in US and comparison with nurse practitioners (UK) (Robinson and Inyang 1319 Com)
Phytomedicinal foods Pomegranates as (Fishman 1184 N)
Phyto-oestrogens Research on benefits outlined at menopause meeting (Newman 1184 N)
Pig farming Nipah virus encephalitis emergence/spread in Singapore/Malaysia (Farrar 1222 Com) (Paton et al 1253) (Chua et al 1257)
Pig tissues Safety evidence (Ramsay 654 N)
Pirfenidone In idiopathic pulmonary fibrosis (Nicod 268 Com)
Placenta Adaptive angiogenesis in smokers (Pfarrer et al 303 R) (Widschwendter et al 1390 C)
Plague Historical aspects (Leven sIV53)
Plain English Campaign Awards and health information leaflets (Sharp 2100 Com)
Plant lectins In genetically modified foods and potential risk (Kuiper et al 1315 Com) (Fenton et al 1354 R)
Plants Consumption and atypical parkinsonism in French West Indies after (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C); Ibogaine, anti-addictive properties and use in drug addiction (Morris 1883 N); Products targeted for future drugs by pharmaceutical companies (Stevenson 490 N); Radiation use for development of new varieties for food use (Birchard 400 N)
Plasma exchange Effectiveness in *Escherichia coli* 0157:H7 outbreak in Scotland (1996) (Dundas et al 1327); Large volume, detection of rapid production and clearance of HIV-1 and HCV (Ramratnam et al 1782); For post-infectious autoimmune neuropsychiatric disorders associated with streptococcal infection (PANDAS) (Singer 1137 Com) (Perlmutter et al 1153)
Plasminogen-activator inhibitor Promoter polymorphism in PAI-1 gene and meningococcal disease outcome (Hermans et al 556); Variation in PAI-1 gene and risk of meningococcal septic shock (Westendorp et al 561)
Plasmodium falciparum Drug resistance and combination drug use (Verdrager 1389 C) (White et al 1389 C); Genome mapped (1707 N); Inhibition of maturation of immune cells and possible new vaccine strategy (Senior 50 N); Vitamin A supplementation effect on morbidity in children (randomised trial) (Shankar et al 203)
Plasmodium vivax Effect in pregnancy (Nosten et al 546); Naturally acquired immunity (Luxemburger et al 162 C)
Platelet Activation with exercise and risk of cardiac events (Bärtsch 1747 Com); Glycoprotein IIb/IIIa blockade see Glycoprotein-IIb/IIIa receptor antagonists; Heparin-induced antibodies against and rapid detection using immunoassays (Meyer et al 1525 R)
Platelet Receptor Inhibition in Ischemic Syndrome Management study Tirofiban efficacy in acute coronary syndromes related to troponin concentrations (Heeschen et al 1757)
Pleconaril Enterovirus infection treatment (McConnell 1185 N)
Pneumococcal vaccine For adults and need for strategy (2011 e); Vaccine for children in rich/poor countries (Shann and Steinhoff sII8)
***Pneumocystis carinii* pneumonia** Azithromycin efficacy for prevention (randomised trial), azithromycin (Dunne et al 891); Drug resistance (Meshnick 1318 Com) (Helweg-Larsen et al 1347)
Pneumonia Desquamative interstitial in pulmonary fibrosis (Egan 1839 Com); *Haemophilus influenzae* type b and non-type b causing (Shann 1488 Com); Influenza complication (Cox and Subbarao 1279 S); Magnitude of problem in children (Mulholland 590); Mortality estimates and causes in children (Mulholland 590); Non-specific interstitial (NSIP) in pulmonary fibrosis (Egan 1839 Com); Nosocomial, supine body position as risk factor in intensive care (randomised trial) (Webster 1835 Com) (Drakulovic et al 1851); *Pneumocystis carinii*, azithromycin efficacy for prevention (randomised trial) (Dunne et al 891); Q-fever outbreak warning in Japan (Watts 578 N); Reduction by zinc supplementation in children (Ahmad 2057 N); Risk associated with poor oral care in elderly (Yoneyama et al 515 C); Risk with stress ulcer prophylactic techniques (Webster 1835 Com); Usual interstitial (UIP) in pulmonary fibrosis and treatment (Egan 1839 Com)
Poetry Role in medicine (Bolton 245)
Point-of-care test Identification of patients to benefit during cardiac surgery (randomised trial) (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C)
Poisoning Amitriptyline, treatment with ovine antibody to tricyclic antidepressants (Heard et al 1614 R); Ethylene glycol and fomepizole treatment (Borron et al 831 R) (Goldfarb 1646 C); Fluorine, from coal burning in China (Beach 137 N); Historical aspects (Leven sIV53); Yew, presenting with ventricular arrhythmias and coma (case report) (Pilz et al 1090)
Poland Health targets (McCarthy 1663 Com)
Poliomyelitis National immunisation days and global eradication (John 869 C) (Hull et al 1910 C); Vaccine for children in rich/poor countries (Shann and Steinhoff sII10); Vaccine donated by company for African countries (Kapp 1367 N); WHO's final campaign started (Mitchell 230 N)
Pollution Industrial and adverse birth outcomes (Bhopal et al 920 R); See *also* Air pollution
Polyarteritis Involving sartorius muscle presenting with intermittent thigh pain and swelling (case report) (Reading et al 996)
Polychlorinated biphenyls (PCBs) Ill health claim by soldiers after contact with contaminated soil in Croatia (Kondro 494 N); Improved testing called for by EU commissioner (Birchard 1276 N); Serum levels and K-*ras* mutations in exocrine pancreatic cancer (Porta et al 2125)
Polycystic ovary syndrome Clinical manifestations (Balen 966 Com); Pathogenesis (Balen 966 Com)
Polymerase chain reaction (PCR) *Alloiococcus otitis* detection from middle-ear effusions in otitis media (Beswick et al 386); New assay for coronary heart disease (Bradbury 1449 N); Quantitative, of mycobacterial and propionibacteria DNA in lymph nodes in sarcoidosis (Ishige et al 120); Sexually transmitted diseases (STDs) (Morris 1977 N); For *Tropheryma whippelli* (Bauerfeind et al 1476 C) (Kelly 1476 C)
Polymorphic eruption of pregnancy Characteristics and case numbers (Bos 1140 Com)
Polymyositis Refractory, with interstitial lung disease and tacrolimus use (432 correction)
Polyphenols Effect of coronary flow-velocity reserve (Shimada et al 1002 R)
Polyps Colorectal hyperplastic and risk of adenoma/polyp recurrence (Bensen et al 1873 R)
Polyunsaturated fatty acids Long-chain, effect and safety of infant formulae supplementation (randomised trial) (Gibson 1919 Com) (Lucas et al 1948); N-3, protective role against ischaemic heart disease (GISSI-Prevenzione trial) (Brown 441 Com) (GISSI-Prevenzione Investigators 447) (Harrison et al 1554 C) (Jialal et al 1554 C) (Ng et al 1555 C) (Salen and de Lorgeril 1555 C) (Marchioli et al 1556 C) (Singh 1556 C) (Hooper et al 1557 C)
Polyvinyl chloride Phthalates banned from children's toys (Bosch 2060 N)
Pomegranates As phytomedicinal food (Fishman 1184 N)
Population Density, acute lymphoblastic leukaemia risk linked (Ross et al 532 Com); Projection for India of one billion (Kumar 846 N)
Population health Targets for Europe (McCarthy 1663

Com)
Porphyria Hepatic, hepatocellular carcinoma association (Kashyap and Kashyap 253 C)
Porter R R (Raju 1040)
Porton Down Chemical and Biological Defence Establishment Inquiry into human trials of biological and chemical weapons (Ashraf 753 N)
Portosystemic encephalopathy Drug-induced, in hereditary haemorrhagic telangiectasia (case report) (van der Cammen et al 564)
Position Importance in nursing intensive care unit patients and pneumonia risk (randomised trial) (Webster 1835 Com) (Drakulovic et al 1851)
Positron emission tomography ^{18}F-FDG, for paediatric inflammatory bowel disease diagnosis (Skehan et al 836 R)
Postcoital injuries Treatment in Addis Ababa Fistula hospital (Muleta and Williams 2051 R)
Postdural-puncture headache (Kee 680 C)
Post-infectious autoimmune neuropsychiatric disorders associated with streptococcal infection (PANDAS) Immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153)
Postmastectomy radiotherapy Ischaemic heart disease morbidity/mortality (randomised trials) (Højris et al 1425)
Postmenopausal women Benefits of phyto-oestrogens (Newman 1184 N); Breast cancer see Breast cancer; Cardiovascular disease risk and Cys282Tyr allele association (Senior 1099 N); Endometrial response to micronised transdermal progesterone (Wren et al 1447 R); Oestrogen role in cognitive function improvement (Melton 1101 N); Serum uric acid reduced by HRT (Sumino et al 650 R) (Kashyap and Kashyap 1643 C) (Ovalle and Bell 1643 C) (Sumino et al 1644 C); Spinal fracture reduction by raloxifene (MacReady 653 N)
Postmodern medicine (Gray 1550)
Post-mortem Guidelines for retaining organs after (UK) (Mitchell 1366 N); *See also* Necropsy
Postoperative nausea Reduction by higher concentration of oxygen during surgery (Simini 1618 N)
Postoperative pain Effect on subcutaneous oxygen tension and wound infections (Akça et al 41 R)
Post-transplant lymphoproliferative disease (PTLD) Treatment with rituximab monoclonal antibody after lung transplant (Cook et al 1698 R)
Post-traumatic stress disorder Pharmacotherapy (Turner 1404 Com); Prevention/management strategies (Larkin 1008 N); Symptoms, biology and differential diagnosis (Turner 1404 Com)
Postural imbalance In acute vestibulopathy and benefit of running not walking due to automatic spinal locomotor programme (Brandt et al 746 R)
Posture Importance in nursing intensive care unit patients and pneumonia risk (randomised trial) (Webster 1835 Com) (Drakulovic et al 1851)
Potatoes Genetically modified see Genetically modified potatoes; Nutrition and uses (historical) and art (Hautvast sIV37)
Poverty Burden of disease among populations (Gwatkin et al 586) (Reddy 1477 C); Health inequalities and accident rate in UK (Ashraf 2060 N); Income distribution and infant mortality rates relationship (Hales et al 2047 R)
Powles R Haemato-oncology unit at Royal Marsden hospital (Bonn 1620 N)
Powles T Breast oncology unit at Royal Marsden hospital (Bonn 1620 N)
Pranlukast Trial and asthma specialist struck off (UK) (Bradbury 1276 N)
Prednisolone Low-dose with interferon-γ treatment of idiopathic pulmonary fibrosis (Wunsch 1532 N)
Pre-eclampsia Oxidative stress in pathogenesis and role of antioxidants in prevention (randomised trial) (Roberts and Hubel 788 Com) (Chappell et al 810)
Prefrontal cortex Executive functioning and importance of deficits (Grafman and Litvan 1921 Com)
Pregnancy Adaptive angiogenesis in placentas of heavy smokers (Pfarrer et al 303 R) (Widschwendter et al 1390 C); Adverse effects of maternal hypothyroidism on children (MacReady 749 N); Bill to protect unborn child passed in US (Rovner 1275 N); Of brain-dead mother (Bosch 2145 N); Decreased perinatal AIDS after transmission reduction with zidovudine (McCarthy 573 N); Dermatoses (Bos 1140 Com); Detection in family-planning clients in primary care (Stanback et al 566 R); Early breast cancer onset in *BRCA1/BRCA2* carriers after (Jernström et al 1846); Free health care for illegal immigrants in Spain (Bosch 1368 N); Free HIV tests in Spain (Bosch 754 N); HIV-1 levels in maternal blood predictive of perinatal transmission (McCarthy 573 N); Hypercholesterolaemia in and atherosclerosis development/prevention in children (Berenson and Srinivasan 1223 Com) (Napoli et al 1234); Hypothyroidism screening (Pop et al 1224 Com); Influenza in (Cox and Subbarao 1279 S); Maternal ingestion of nimesulide and neonatal end-stage renal failure after (Peruzzi et al 1615 R); Maternal plasma fetal DNA as marker of preterm labour (780 correction); Multiple births after in-vitro fertilisation and need to reduce (Fisk and Trew 1572 Com) (Bergh et al 1579); Paroxysmal kinesiogenic choreoathetosis attack cessation and possible role of hCG (Madeja and Kurleman 745 R); *Plasmodium vivax* malaria effects (Nosten et al 546); Psychogenic non-epileptic attack disorder (NEAD) presenting with intractable seizures (case report) (Smith 1522); Pyridoxine use and neonatal seizures after (Baxter and Aicardi 2082 C) (South 2083 C); Rights of women upheld after ruling against child injured in womb (Canada) (Kondro 232 N); Risk of violent death in adolescence in Bangladesh (Ronsmans and Khlat 1448 R); Smoking prevalence (400 N); Tetanus mortality in Bangladesh (Rochat and Akhter 565 R) (Esen 1562 C); Thrombosis (Ng 162 C); Vomiting in and sex of offspring (Askling et al 2053 R)
Preimplantation genetic diagnosis Consultation document (UK) (Bradbury 1795 N)
Premature birth Infertility preceding and bacterial vaginosis association (Wilson et al 511 C)
Premature infants Chronic lung disease and benefits of inhaled corticosteroids (Greenough 266 Com); Delivery and maternal breast cancer risk (Brind and Chinchilli 424 C); Development/acceleration of barrier function of skin (Rees 1491 Com); Inhaled nitric oxide for hypoxaemic respiratory failure (randomised trials) (Saugstad 1047 Com) (Kinsella et al 1061) (Franco-Belgium Collaborative NO Trial Group 1066) (1826 correction) (Modi and Doré 2162 C) (Yadav and Emmerson 2162 C) (Kinsella and Abman 2163 C); Prophylaxis against respiratory syncytial virus (RSV) (Bont et al 1003 R) (Nadal et al 1997 C); Survival but concerns over quality of life of children (Skuse 354 Com) (Tarnow-Mordi et al 1559 C); Ventilation trial and alleged forgery of signatures on consent forms for (845 N); Ventilation trial and paediatrician suspended for alleged lack of informed consent (Ramsay 2144 N)
Prenatal testing Screening for Down's syndrome (Senior 655 N)
Prescribers, on-line FDA warning (Larkin 1274 N); Illegal in UK (Larkin 1274 N)
Prescribing Transdermal nicotine patches and cost-effectiveness in general practice (Stapleton et al 210)
Prescriptions Over Internet and American Medical Association warning (Frankel 138 N)
Pressor response Water (Joannidès et al 516 C)
Pressure ulcers Topical application of nerve growth factor (Bernabei et al 307 R)
Preterm delivery Raised maternal IgM concentrations associated (Holzman et al 1095 R) (Numazaki et al 2000 C)
Preterm infants see Premature infants
Preterm labour Maternal plasma fetal DNA as marker (780 correction)
Primary biliary cirrhosis Ursodeoxycholic acid therapy (meta-analysis) (Goulis et al 1053)
Primary health care Checklist for ruling out pregnancy in family-planning clients (Stanback et al 566 R); Proposals for improvements in South Wales and pilot study for salaried GPs (Bonn 842 N)
Prion diseases Fly larvae and pupae as vectors for scrapie (Post et al 1969 R)
Prion proteins (Aguzzi and Brandner sI22) (Collinge 317); Cellular, expressed by bovine squamous epithelia of skin and upper GI tract (Pammer et al 1702 R); Model of conversion from PrP^{C} to PrP^{Sc} (Aguzzi and Brandner sI23); Review (Collinge 317)
Prions Genetics (Aguzzi and Brandner sI22); Transmission concerns (Collinge 317) (Diringer 1823 C) (Laurenson et al 1823 C)
Prisons Class-action lawsuit by female prisoners after LSD administration (Canada) (Kondro 2144 N); Concern over indefinite imprisonment of dangerous individuals in UK (Ramsay 315 N); Drug abuse and disease amongst inmates in Ireland (Birchard 753 N); Needle exchange scheme in Canada (Kondro 1887 N); Suicide increase in UK (Ashraf 404 N)
Private health care Concerns over quality in UK (351 E) (Singer 1037 C)
Private health insurance Reforms chaos in Australia (Loff and Cordner 55 N)
***PrNP* gene** Mutations and polymorphisms (Aguzzi and Brandner sI23)
Probiotics Commercialisation, inconclusive benefits, concerns and possible mechanism of action (Larkin 1884 N)
Procalcitonin In chronic heart failure and in sepsis/septic shock (Brunkhorst 599 C) (Niebauer and Anker 599 C)
Prodrugs Activation by gene-directed cancer therapy (Bonn 1364 N)
Progestagen-only contraceptives Idiopathic venous thromboembolism risk (Vasilakis et al 1610 R)
Progestagens Cardiovascular disease risk associated with oral preparations for therapeutic indications (Poulter et al 1610 R); Cerebral haemorrhage risk with different oral contraceptives (Jick et al 302 R); In oral contraceptives and effect on stroke risk (Poulter et al 301 R)
Progesterone Micronised transdermal and endometrial response (Wren et al 1447 R)
Progestins In HRT and effect on heart rate (Hayward et al 256 C) (Christ et al 1303 C)
Prognosis Poor, truth telling in Japan (Akabayashi et al 1263 R)
Progressive supranuclear palsy Prevalence (cross-sectional study) (Schrag et al 1771); Tropical plant consumption association in French West Indies (Caparros-Lefebvre et al 281) (Litvan 1472 C) (Caparros-Lefebvre et al 1473 C) (Collins 1473 C) (Steele et al 1474 C)
PROMISE trial Negative trends (DeMets et al 1985)
Propionibacterium DNA detection by PCR in lymph nodes in sarcoidosis (Ishige et al 120)
Propofol Short-term infusions in children (Mehta et al 866 C)
Propofol infusion syndrome In young child (Mehta et al 866 C)
Prospective studies Biocompatibility of dialysis membranes and effect on outcome of acute renal failure (Vanholder and Lameire 1317 Com) (Jörres et al 1337); Dental outpatient anaesthesia in children and cardiac arrhythmias linked (Brandom and Herlich 1836 Com) (Blayney et al 1864); Effect of continued breastfeeding for 2 years on child growth in Kenya (Onyango et al 2041); HIV-1 transmission and infant feeding patterns (Newell 442 Com) (Coutsoudis et al 471) (Matchaba 1901 C) (Shaffer et al 1901 C) (Coutsoudis et al 1902 C) (Numazaki and Chiba 1903 C) (Smith and Kuhn 1903 C); HPV status relationship to cervical lesions and cervical cancer screening (Nobbenhuis et al 20); Raised blood pressure linked to bone mineral loss in elderly women (Cappuccio et al 971); Silent embolism after cerebral angiography (Heiserman 1577 Com) (Bendszus et al 1594); Vaginal delivery effect on anorectal physiology and faecal incontinence (Wattchow and Rieger 965 Com) (Fynes et al 983) (Bowen and Ockendon 2169 C) (Girard 2169 C)
Prostate-specific antigen Insulin-like growth factor binding protein 3 inverse relation in bone metastases from prostatic cancer (Smith et al 2053 R)
Prostatic cancer Genetically engineered vaccine phase I results (Ahmad 1533 N); Osteoblastic phenotype and role of IGFBP3 and prostate-specific antigen (Smith et al 2053 R); Prostate-specific antigen inverse relation with insulin-like growth factor binding protein 3 (IGFBP3) in bone metastases (Smith et al 2053 R); Steroid 5α-reductase (*SRD5A2*) mutation associated in African-American and Hispanic men (Makridakis et al 975)
Prostheses Artificial coating materials (Senior 576 N); Cybernetic, conference (Glass 1796 N); Methods to improve prosthesis life-span and to reduce inflammatory response (Senior 576 N)
Prosthetics Haptics development and role of thought-controlled limbs (Birchard 52 N)
Protease inhibitors Dysbetalipoproteinaemia and apoE genotype (Behrens et al 76 C); Lipodystrophy associated in HIV-1 infection (Mercié et al 867 C) (Domingo et al 868 C)
"Protectors" Appointed by health authorities to deal with whistleblowers' concerns (UK) (845 N)
Protein Dietary restriction and reduction of urinary protein excretion by renoprotective therapy (De Jong et al 352 Com); Signal hypothesis and Nobel prize for originator (Bradbury and Frankel 1363 N) (1399 E)
Protein C Activated see Activated protein C
Protein-energy malnutrition Treatment in children (Waterlow 1142 Com)
Proteinuria Non-nephrotic, renoprotection by ACE inhibitors (De Jong et al 352 Com) (Ruggenenti et al 359) (Pruna et al 1905 C) (Ruggenenti et al 1906 C)
Prurigo gestationes Characteristics and case numbers (Bos 1140 Com)
Pseudomembranous colitis Discovery of cause and *Clostridium difficile* isolated from 21-year lost stool specimen (Fekety et al 1115 Es)
Psoriasis Differential diagnosis with glucagonoma presenting with rash (case report) (Uwaifo et al 480); Guttate, corneodesmosin gene involvement (Tazi-Ahnini et al 597 C); HLA-C association (Tazi-Ahnini et al 597 C)
Psychiatric disorders Borderline personality disorder *vs* (Tyrer 2095 Com); Dangerous individuals may be imprisoned indefinitely in UK (Ramsay 315 N); Evolutionary explanations (Morris 228 N); Genetics (Owen and Cardno sI11); Intellectual disability and (Santosh and Baird 233 S); Preventive detention for "dangerous people" with personality disorders in UK (Dean 403 N); *See also* Mental illness
Psychiatric genetics (Owen and Cardno sI11)
Psychiatric hospitals Concern over indefinite imprisonment of dangerous individuals in UK (Ramsay 315 N); Poor conditions in India (Sharma 495 N)
Psychiatrists Austrian, charged with murder of chil-

dren during war (2146 N); Concern over indefinite imprisonment of dangerous individuals (Ramsay 315 N); Fine for stag night exploit in Ireland (845 N)
Psychiatry "Alter ego" (Berta and Saiz sIV55); Changing boundaries and future (Andreasen sIV56); Nuclear medicine in (Costa et al 1107)
Psychogenic non-epileptic attack disorder (NEAD) In pregnancy presenting with intractable seizures (case report) (Smith 1522)
Psychological distress Chronic low-back pain (Andersson 582)
Psychological issues Influencing mammography uptake (Bonn 227 N); In type 2 diabetes (Zambanini et al 74 C)
Psychological response Influence on survival in breast cancer (Tucker 1320 Com) (Watson et al 1331)
Psychological therapy For depression (Doris et al 1373 S)
Psychopharmacotherapy In children/adults with intellectual disability (Santosh and Baird 233 S)
Psychosis With borderline intelligence and intensive case management (Tyrer et al 999 R); Intensive *vs* standard case management (1128 correction) (McGovern and Owen 1384 C) (Pelosi et al 1384 C) (Burns et al 1385 C) (McGee 1385 C)
Puberty Zinc supplementation and bone growth (Clark et al 485 R)
Public health Aerial spraying of New York city for control of St Louis encephalitis (Frankel 1009 N); Burden of disease for global poor populations (Gwatkin et al 586) (Reddy 1477 C); Circumcision and HIV infection reduction (Halperin and Bailey 1813); Emergence of Nipah virus encephalitis in Singapore/Malaysia (Farrar 1222 Com) (Paton et al 1253) (Chua et al 1257); Epidemic risk with measles-vaccine refusal in US and UK (Mitchell 133 N); Extended-wear contact lenses and microbial keratitis incidence (Dart 174 Com) (Cheng et al 181); International Health Regulations (Ashraf 2062 N); Malaria control in Nicaragua (Garfield 414); Outlook in western and developing societies (Walker sIV58); Potential of rapid assessment and role in injecting drug use and HIV-1 prevention (Rhodes et al 65); Successful handling of New York encephalitis epidemic (1221 E); TB control programme in Russia (Banatvala 56 N) (Banatvala et al 1036 C) (Oswald et al 1036 C); UK programme (White Paper) to cut deaths over 10 years (Mitchell 139 N)
Public Health Research Institute (PHRI) Aid deal for TB control programme in Russia (Banatvala 56 N) (Banatvala et al 1036 C) (Oswald et al 1036 C)
Public sector services World Trade Organisation (WTO) influence on health policies and implications (Price et al 1889)
Public-private partnerships Health care (Price et al 1891)
PubMed Central NIH's electronic archive to be launched (Greenberg 1009 N)
Pubourethral ligament Role in urinary continence (Petros and Von Konsky 997 R)
Pulmonary fibrosis Idiopathic, long-term interferon γ-1b and low-dose prednisolone treatment (Wunsch 1532 N); Idiopathic, new treatments (Egan 1839 Com); Idiopathic, pathology, pathogenesis and pirfenidone therapy (Nicod 268 Com); Pneumonia types (Egan 1839 Com)
Pulmonary function see Lung function
Pulmonary hypertension Persistent of newborn (PPHN), inhaled nitric oxide for (randomised trials) (Saugstad 1047 Com) (Kinsella et al 1061) (Franco-Belgium Collaborative NO Trial Group 1066) (1826 correction) (Modi and Doré 2162 C) (Yadav and Emmerson 2162 C) (Kinsella and Abman 2163 C)
Pulmonary oedema Clinical features and risk factors after hand, foot and mouth disease (Chang et al 1582); High-altitude, prevention and causes (Larkin 750 N); Unilateral, causes (Brander et al 1440); Unilateral caused by mitral regurgitation (case report) (Brander et al 1440)
Pulse-wave velocity Measurement and clinical value of (Lehmann 528 Com) (Wilkinson et al 1996 C)
Purpura In male with eating disorder "not otherwise specified" (case report) (Snape et al 1352)
Putamen Long-term benefits of embryonic grafts in Parkinson's disease (Ahmad 1882 N)
Pyloric stenosis Infantile hypertrophic, after pertussis prophylaxis with erythromycin (Honein et al 2101)
Pyridoxine Neonatal seizures after (Baxter and Aicardi 2082 C) (South 2083 C)

Q

Q-fever Outbreak warning in Japan (Watts 578 N)
QT dispersion Losartan and captopril effects in heart failure in elderly (Brooksby et al 395 R)
Quality Of health care in private hospitals (UK) and HMOs (US) (351 E) (Singer 1037 C)
Quality of care End-of-life care (Ramsay 1361 N); Performance of doctors and (de Wildt et al 165 C)
Quality of life Cancer survivorship findings in household survey (US) (Pirisi 924 N); Of children after survival as preterm infants (Skuse 354 Com) (Tarnow-Mordi et al 1559 C); Improved by HCV clearance (Kleinert 655 C); Palliative care and (Oleske and Czarniecki 1290)
Quality-adjusted life year (QALY) Disability weighting (James and Foster 87 Com) (Üstün et al 111) (Üstün et al 1306 C)
Quinupristin/dalfopristin Launched as new antimicrobial and safety/indications for use (Johnson and Livermore 2012 Com)
QUOROM report Improving report quality of meta-analyses of randomised controlled trials (Walker 1834 Com) (Moher et al 1896); On *The Lancet* electronic research archive in international health (McConnell and Horton 2 Com)

R

Rabies In bear cub in US and concerns over zoo visitor contacts (845 N); Diagnosis by Trucut needle biopsy through superior orbital fissure (Tong et al 2137 R)
Racial inequalities Renal transplantation (US) (Ahmad 1977 N)
Radiation Development of new plant varieties and use in foods (Birchard 400 N); Nuclear disaster in Japan and population exposure (Watts 1271 N); Paternal exposure and stillbirths linked (Inskip 1400 Com) (Parker et al 1407); Safe doses debate at conference (Birchard 400 N)
Radioimmunotherapy (Chatal and Hoefnagel 934)
Radiolodine Hyperthyroidism treatment and cancer incidence/mortality after (Harding and Harding 1122 C) (Hercbergs 1122 C)
Radiology Missing of lesions and (Lev et al 272 Com) (Nottingham and Anderson 1560 C) (Orsi and Fara 1560 C); Sacroiliac joint imaging and reporting after referral for lumbar spine examination (Matthews and Yates 483 R); Variability and error avoidance (Lev et al 272 Com) (Nottingham and Anderson 1560 C) (Orsi and Fara 1560 C)
Radionuclide therapy (Chatal and Hoefnagel 931) (Wheldon et al 1999 C); Applications and new developments (Chatal and Hoefnagel 931) (Wheldon et al 1999 C)
Radionuclides New (Chatal and Hoefnagel 934)
Radiopharmaceuticals For cancer diagnosis (Eary 853); For infection and inflammation evaluation (Corstens and van der Meer 765)
Radiotherapy Antisense (Chatal and Hoefnagel 934); In breast cancer and ischaemic heart disease morbidity/mortality after (randomised trials) (Højris et al 1425); Cranial, high incidence of secondary brain tumours after (Relling et al 34) (Jenkinson and Hawkins 1126 C) (Stanulla et al 1126 C) (Key and Çekiç 1127 C); Postoperative, for high-risk postmenopausal breast cancer (Atkins 865 C) (Chander 865 C) (Kunkler 865 C) (Overgaard 866 C)
RALES study Aldosterone antagonism in heart failure (Richards and Nicholls 789 Com)
Raloxifene Postmenopausal spinal fracture reduction (MacReady 653 N)
Raltitrexed PETACC-1 trial stopped by AstraZeneca and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C)
Ramazzini B Occupational health and workers' health protection (history) (Franco 858)
Ramipril Cardiovascular disease prevention (HOPE study) (Kleinert 841 N)
Ramipril Efficacy in Nephropathy (REIN) study Renoprotection by reduction of urinary protein excretion (De Jong et al 352 Com)
Randomised controlled trials (RCT) Adjuvant chemotherapy in serosa-negative gastric cancer (Nakajima et al 273); Amiodarone in cardiac arrest (Ahmad 1099 N); Antioxidants in pre-eclampsia prevention (Roberts and Hubel 788 Com) (Chappell et al 810); Assessment of pain of blood glucose testing (Loveland et al 921 R); Azithromycin efficacy for prevention of *Pneumocystis carinii* pneumonia (Dunne et al 891); Behavioural management in nursing/residential homes (Proctor et al 26); Biocompatibility of dialysis membranes and effect on outcome of acute renal failure (Vanholder and Lameire 1317 Com) (Jörres et al 1337); Biocompatibility of dialysis membranes and outcome of acute renal failure (Vanholder and Lameire 1317 Com) (Jörres et al 1337); C-reactive protein levels reduced in diabetes after HRT (Sattar et al 487 R) (Chan 1908 C) (Sattar et al 1908 C); Celecoxib *vs* diclofenac for long-term management of rheumatoid arthritis (Emery et al 2106); Conventional *vs* newer antihypertensive agents in elderly (Kendall 1744 Com) (Hansson et al 1751); Effect of home-based interventions on unplanned readmissions and survival in congestive heart failure (Stewart et al 1077); Effect of video information on precolonoscopy anxiety and knowledge (Luck et al 2032); Effect of vitamin C on frequency of reflex sympathetic dystrophy in wrist fractures (Zollinger et al 2025); Efficacy/safety of reduced osmolarity oral rehydration solution in cholera (Alam et al 296) (Cash et al 1733 C) (Alam 1734 C); Erectile dysfunction treatable in spina bifida (Palmer et al 125 R); Ex-vivo gene therapy of vascular bypass grafts with E2F decoy oligodeoxynucleotide (Mann et al 1493); Failure of randomisation by "sealed" envelopes in CAPPP trial (Hansson et al 73 C) (Peto 73 C); Glucosamine in osteoarthritis and inconclusive results (Adams 353 Com) (Cumming 1640 C) (Rovati et al 1640 C) (Adams 1641 C) (Russell and McCarty 1641 C); Glycoprotein IIb/IIIa blockade outcome and economic implications in patients undergoing coronary stenting (Topol et al 2019); Halothane in dental anaesthesia in children linked to ventricular arrhythmias (Brandom and Herlich 1836 Com) (Blayney et al 1864); HIVNET 012 trial of intrapartum and neonatal single-dose nevirapine *vs* zidovudine for prevention of vertical transmission of HIV (Guay et al 795); Home-made spacers for bronchodilator therapy in children with asthma (Zar et al 979); Hypertension treatment with ascorbic acid (Duffy et al 2048 R); Improving report quality of meta-analyses (QUOROM statement) (Walker 1834 Com) (Moher et al 1896); Increased resistance to activated protein C with low-dose oral contraceptives (cross-over study) (Rosing et al 2036); Infliximab *vs* placebo with methotrexate in rheumatoid arthritis (Maini et al 1932); Inhaled nitric oxide for preterm infants with hypoxaemic respiratory failure see Nitric oxide; Intranasal 17β-oestradiol for menopause symptom relief (780 correction); Invasive *vs* non-invasive management in unstable coronary artery disease (Goy 694 Com) (FRagmin and FAST Revascularisation during InStability in Coronary artery disease (FRISC II) Investigators 708); Ischaemic heart disease morbidity/mortality in breast cancer patients postmastectomy with/without radiotherapy (Højris et al 1425); Laparoscopic *vs* open inguinal herniorrhaphy see Laparoscopic inguinal herniorrhaphy; Leg and arm rehabilitation after stroke (Wade 176 Com) (Kwakkel et al 191) (Kwakkel and Wagenaar 1642 C) (McNaughton et al 1642 C); Limitations/role and implications for clinical practice (Sniderman 327) (Thornton 1037 C) (Payne and McCabe 1207 C); Live attenuated rotavirus vaccine (89-12) efficacy in infants (Bernstein et al 287); Low-molecular weight heparin in unstable coronary artery disease (Goy 694 Com) (FRagmin and FAST Revascularisation during InStability in Coronary artery disease (FRISC II) Investigators 701) (1478 correction); Microwave endometrial ablation *vs* transcervical resection of endometrium in menorrhagia (Cooper et al 1859); *Mycobacterium vaccae* immunotherapy ineffective in tuberculosis (Reichman 90 Com) (Durban Immunotherapy Trial Group 116) (Dalgleish 1388 C) (Onyebujoh et al 1388 C); Negative trend/results monitoring and role of Data and Safety Monitoring Board (review) (DeMets et al 1983); Neoadjuvant chemotherapy for bladder cancer (Bartelink 526 Com) (International collaboration of trialists 533) (1650 correction); Nitrendipine effect on renal function in renal transplant patients treated with cyclosporin (Rahn et al 1415); Non-pathogenic *Escherichia coli vs* mesalazine for ulcerative colitis treatment (Rembacken et al 635) (Langman and Allan 2000 C) (Rembacken et al 2001 C); Nurse practitioners *vs* junior doctors in emergency medicine (Robinson and Inyang 1319 Com) (Sakr et al 1321); Occupational therapy for stroke patients not admitted to hospital (Walker et al 278) (Langhorne et al 1730 C) (Landi et al 1731 C); PETACC-1 trial stopped by company and safety/efficacy implications (1045 E) (Ford and Cunningham 1824 C) (Kerr 1825 C); Pleconaril in enteroviral meningitis (McConnell 1185 N); Point-of-care test for identification of patients to benefit from desmopressin during cardiac surgery (Despotis et al 106) (Avidan and Hunt 1124 C) (Despotis et al 1124 C); Protective role of fish oil and vitamin E against ischaemic heart disease see GISSI-Prevenzione trial; Recurrent miscarriage prevention by mononuclear cell immunisation (Ober et al 365); Registration needed to prevent misleading data on effectiveness and UK conference organisation (Horton and Smith 1138 Com) (Keen and Viberti 1736 C); Safety and effect of long-chain polyunsaturated fatty acids on infant development (Gibson 1919 Com) (Lucas et al 1948); Serotherapy in scorpion envenomation (Abroug et al 906); Single-bolus tenecteplase *vs* front-loaded alteplase in acute myocardial infarction (White 695 Com) (Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Investigators 716) (Norris 1818 C); Sunscreen efficacy and betacarotene supplementation effect for prevention of skin cancers (Hill 699 Com) (Green et al 723) (1038 correction) (Autier et al 2163 C) (Green et al 2163 C) (Linder and Tice

2163 C); Supine body position as risk factor for nosocomial pneumonia in intensive care (Webster 1835 Com) (Drakulovic et al 1851); In surgery (Fairbank 257 C); Thrombosis Prevention Trial and effect of *CYP2C9*3* allele on bleeding complications (Ogg et al 1124 C); Transmyocardial laser revascularisation *vs* medical therapy for refractory angina pectoris (Burkhoff et al 885) (Murray and James 1994 C) (Sharples et al 1994 C) (Williams et al 1994 C) (Jones and Burkhoff 1995 C) (Simini 1995 C); Unilateral pallidotomy *vs* medical treatment for Parkinson's disease (Quinn 1658 Com) (de Bie et al 1665); Ursodeoxycholic acid therapy for primary biliary cirrhosis (meta-analysis) (Goulis et al 1053); Vertical transmission of HIV-1 reduced by 15-month maternal zidovudine (DITRAME ANRS 049 Study Group 2050 R); Vigabatrin and carbamazepine safety/efficacy in newly diagnosed epilepsy (Chadwick et al 13) (Chadwick 1387 C) (Elferink et al 1387 C) (Panayiotopoulos 2002 C); Vitamin A supplementation effect on morbidity due to *Plasmodium falciparum* in children (Shankar et al 203); Zidovudine effect on perinatal HIV-1 transmission (Shapiro et al 156 C) (Wilson 156 C) (Shaffer et al 157 C) (Golden et al 158 C) (Wolffers 158 C)

Randomized Aldosterone Evaluation Study (RALES) Aldosterone antagonism in heart failure (Richards and Nicholls 789 Com)

Rape In Ethiopia and postcoital injury treatment (Muleta and Williams 2051 R); Initiatives/movements against, international day and forum (Ramsay 2018 Com) (Moreno 2075); In Pakistani hospital (Ahmad 659 N)

Rapid assessment Origins and methods (Rhodes et al 65); Public health potential and role in injecting drug use and HIV-1 prevention (Rhodes et al 65)

Rapid opioid detoxification (ROD) Pharmacological basis (Spanagel 2017 Com)

Rascar Capac mummy Medical imaging (Appelboom and Struyven 2153)

Rash In early-onset sarcoidosis (case report) (Falcini et al 40) (Cimaz and Falcini 1035 C) (James 1035 C); In glucagonoma in diabetic (case report) (Uwaifo et al 480)

Rationing of care Performance of doctors and (de Wildt et al 165 C)

Rats Effect of genetically modified potatoes on small intestine (Horton 1314 Com) (Kuiper et al 1315 Com) (Ewen and Pusztai 1353 R) (FitzGerald et al 1725 C) (Mowat 1725 C) (Ewen and Pusztai 1726 C) (Lachmann 1726 C) (Munro 1727 C) (Fenton et al 1728 C) (Kilpatrick 1728 C) (Feldbaum 1729 C) (Fisken 1729 C) (Horton 1729 C) (Klug 1729 C)

Raynaud's phenomenon In scleroderma and acute effect of nitric oxide (Freedman et al 739 R)

Raynaud's syndrome Changes in cerebral blood flow after cold hand test in SLE (Ferraccioli et al 2135 R); Stimulation of microcirculatory skin blood flow by nitric oxide-generating system (topical) (randomised trial) (Tucker et al 1670)

***RBM* (RNA-binding motif) gene** On Y chromosome (Hargreave 1746 Com)

Reading To elderly (Banks sIII10); Volunteers needed for marathon reading (81)

Rectal bleeding Isolated, colorectal cancer relationship and role of investigations (Douek et al 393 R)

Rectal cancer Importance of preservation of pelvic autonomic nerves during mesorectal excision (Maas et al 772 C); *See also* Colorectal cancer

Rectosigmoid cancer No-touch surgery and blood dissemination of colonic epithelial cells after (Sales et al 392 R)

Recurrent Miscarriage Study (REMIS) Recurrent miscarriage prevention by mononuclear cell immunisation (randomised trial) (Ober et al 365)

Red Cross Solution on Israel's Red Shield of David's inclusion (Fishman 1710 N)

Red wine Effect on coronary flow-velocity reserve (Shimada et al 1002 R)

5α-Reductase Mutation associated with prostatic cancer in African-American and Hispanic men (Makridakis et al 975)

Reductionism Biological, new genetics and role of GPs (Kumar 1992)

Reflective practice Stories at work and writing for practitioners (Bolton 243)

Reflex sympathetic dystrophy syndrome Contralateral thalamic perfusion in (Fukumoto et al 1790 R); Frequency in wrist fractures and effect of vitamin C supplementation (randomised trial) (Zollinger et al 2025)

Reflexes Movement of single eye (Hamazaki 870 C)

Refugees From Kosovo and mental health issues (Black and Tosic 165 C); International medical evacuations in Macedonia (Kelly et al 2076)

Rehabilitation After stroke and benefits associated with focus of therapy (randomised trial) (Wade 176 Com) (Kwakkel et al 191) (Kwakkel and Wagenaar 1642 C) (McNaughton et al 1642 C); Brain-injured children (Gregg and Appleton sII29); In disability and American Indian experience (Marshall and Largo 758); In disability in Jamaica (Thorburn 762); Of disabled physicians (Wainapel 763); Multiple sclerosis (Kraft 2016 Com); Occupational therapy for stroke patients not admitted to hospital (randomised trial) (Walker et al 278) (Langhorne et al 1730 C) (Landi et al 1731 C)

Rejection Lung transplantation (Wunsch 1270 N)

Relatives Medical information released via Internet (Boots et al 517 C)

Relenza *see* Zanamivir

REM sleep Memory formation mechanism (Larkin 1532 N)

Renal effects Of low-level cadmium environmental exposure (Hotz et al 1508)

Renal failure Acute, effect of biocompatibility of dialysis membranes on outcome/mortality (randomised trial) (Vanholder and Lameire 1317 Com) (Jörres et al 1337); Acute, with neurological involvement in adults associated with measles virus (Wairagkar et al 992); Emergency ban for Chinese herb (aristolochia) in UK (Ashraf 494 N); End-stage, Chinese herbs causing (Lord et al 481 R) (But and Ma 1731 C) (Okada 1732 C); Neonatal end-stage after maternal ingestion of COX-2 inhibitor (nimesulide) (Peruzzi et al 1615 R); *See also* End-stage renal disease (ESRD)

Renal function Nitrendipine effect in transplant patients after cyclosporin treatment (randomised trial) (Rahn et al 1415)

Renal surgery Role of nuclear medicine in (Krag and Moffat 1021)

Renal transplantation Cadaveric (primary), factors affecting outcome (Morris et al 1147); Kidney damage during organ retrieval (Davis and Marsh 1136 Com) (Wigmore et al 1143); Nitrendipine effect on renal function after cyclosporin treatment (randomised trial) (Rahn et al 1415); US racial and cost factor inequalities (Ahmad 1977 N); Waiting list increased in Canada after organ donation shortage (Kondro 579 N)

Renoprotective therapy Levels of urinary protein excretion and role of ACE inhibitors (De Jong et al 352 Com) (Ruggenenti et al 359) (Pruna et al 1905 C) (Ruggenenti et al 1906 C)

Repetitive strain injury (RSI) Cortical origin of pain (hypothesis) (Harris 1464); Reduced movement of median nerve in carpal tunnel during wrist flexion (Greening et al 217 R) (Awerbuch 1557 C) (Greening et al 1558 C) (McNally and Halliwell 1558 C)

Reproductive medicine Practical advice at ESHRE meeting (Ramsay 51 N)

Reproductive tract infections Symptom management in low-income low-prevalence situations (Trollope-Kumar 1745 Com) (Hawkes et al 1776)

Research Australian collaborations urged (754 N); End-of-life care (Ramsay 1361 N); Ethics in developing countries (Ramsay 1405 Com); Health services and US bill passed (Rovner 1275 N); Peer review system for grant applications (265 E) (Kernick 870 C); Shelby Amendment (US) on data from publicly funded research (Larkin 1624 N); *See also* Medical research; Scientific research

Research misconduct UK conference and national panel to be established (Horton 1623 N); *See also* Scientific misconduct

Residential homes Behavioural management (randomised trial) (Proctor et al 26); Pneumonia risk associated with poor oral care in elderly (Yoneyama et al 515 C)

Residual lung volume New measurement methods and comparisons (Shale 1050 Com)

Respiratory arrest Organophosphate poisoning (warfare) presenting with (case report) (Björnsdóttir and Smith 2130)

Respiratory failure Hypoxaemic in preterm infants and inhaled nitric oxide for (randomised trials) (Saugstad 1047 Com) (Kinsella et al 1061) (Franco-Belgium Collaborative NO Trial Group 1066) (1826 correction) (Modi and Doré 2162 C) (Yadav and Emmerson 2162 C) (Kinsella and Abman 2163 C)

Respiratory syncytial virus (RSV) infection (Simoes 847 S); In childhood and atopic asthma link (Everard 527 Com) (Stein et al 541) (Smyth et al 1997 C); Epidemiology/clinical features/diagnosis/management and prevention (Simoes 847 S); Prophylaxis in premature infants (Bont et al 1003 R) (Nadal et al 1997 C)

Respiratory viruses Infections in early life and atopic asthma link (Everard 527 Com) (Stein et al 541) (Smyth et al 1997 C); Vaccine prospects for children (Shann and Steinhoff sII10)

Restenosis Prevention after stenting (Sigwart 269 Com)

Restriction fragment length polymorphism (RFLP) *Alloiococcus otitis* detection in mixed populations from middle-ear effusions in otitis media (Beswick et al 386)

Resuscitation Immersion deaths and implications of swimming performance deterioration in cold water (Ryan 613 Com) (Tipton et al 626) (Teramoto and Ouchi 1733 C); Of newborn infants, consensus statement and controversy (Soll 4 Com)

Ret proto-oncogene Rearrangement in thyroid cancer around USSR nuclear test site (Alipov et al 1528 R)

Retinal photography For diabetic retinopathy (BUPA Foundation Award) (1800 N)

Retinoic acid Multicentric Castleman's disease treatment (Rieu et al 1262 R)

Reverse transcriptase Mutations in resistant HIV (Mellors 135 N)

Reverse transcriptase inhibitors New agents (conference) (Mellors 135 N); *See also* Nucleoside-analogue reverse transcriptase inhibitor (NRTI)

Review Series

Combined vaccination of *H influenzae* type b conjugate with DTP containing acellular pertussis (Eskola et al 2063)

Epidemiological features of chronic low-back pain (Andersson 581)

Functional somatic syndromes: one or many? (Wessely et al 936)

Handling of scientific dishonesty in Nordic countries (Nylenna et al 57)

Homocysteine and vascular disease (Hankey and Eikelboom 407)

Improving report quality of meta-analyses (QUORUM statement) (Moher et al 1896)

Medical significance of peroxisome proliferator-activated receptors (Vamecq and Latruffe 141)

Negative trend in monitoring of clinical trials (DeMets et al 1983)

Stroke treatment and secondary prevention (Hankey and Warlow 1457)

Variant Creutzfeldt-Jakob disease (CJD) (Collinge 317)

Reye's syndrome Influenza complication (Cox and Subbarao 1279 S)

Rhabdosphincter cells Age-related apoptosis and urinary incontinence association (Strasser et al 918 R)

Rheumatoid arthritis Angioneogenesis (Hayes 423 C) (Hirohata and Sakakibara 423 C); Celecoxib *vs* diclofenac for long-term management (randomised trial) (Emery et al 2106); Combination therapy (Boers 952 C) (Möttönen et al 952 C); Infliximab *vs* placebo in patients receiving methotrexate (randomised trial) (Maini et al 1932); MRI abnormalities in early disease detection (Dawes 1051 Com); Parvovirus B19 role in pathogenesis (Altschuler 1026); Support for use of COX-2 inhibitors (MacReady 1881 N)

Rheumatology New treatments reviewed at meetings (Bosch 134 N)

Rhone Poulenc SA Class action against over vitamin price fixing in Australia (230 N)

Richardson R (1832 L)

Rickettsia helvetica Chronic perimyocarditis caused by and associated with sudden cardiac death (Nilsson et al 1169)

Riluzole Treatment of levodopa-induced dyskinesia (Vale 511 C)

Risk Perception and management and risk of viewing eclipse (439 E)

Risk-assessment Coronary heart disease in women (Broemeling and Mielke Jr 426 C) (Beeton and Leatham 427 C); D'Alembert's contribution to epidemiology and (history) (Begaud 432 C); Indications for cholesterol-lowering medication (166 correction)

Rituximab Treatment of post-lung transplant lymphoproliferative disease (Cook et al 1698 R)

River blindness *see* Onchocerciasis

Robots Controlled by neuronal activity in rats (Birchard 52 N)

Roche Holdings AG Swiss vitamin cartel to be investigated (55 N)

Romania Contaminated and dyed water for bathing (1455 N)

Ross Sir Ronald, neglect of grave (Cook 1128 C)

Rotavirus Live attenuated vaccine (89-12) efficacy in infants (randomised trial) (Bernstein et al 287); Vaccine administration postponed after intussusception reports (McCarthy 309 N) (Gay et al 956 C) (Suzuki et al 1390 C); Vaccine for children in rich/poor countries (Shann and Steinhoff sII9)

Rous F P (Raju 520) (1038 correction)

Royal Brompton Hospital Clinical care review (963 E); Paediatric cardiac surgery inquiry (Ramsay 489 N)

Royal College of Paediatrics and Child Health Paediatric drug formulary launched in UK (140 N); President (J D Baum)'s sudden death (1190 N)

Royal Marsden hospital Powles twins as head of breast oncology and haematological oncology units (Bonn 1620 N)

Royal Society Statements on genetically modified foods (Horton 1314 Com) (Bateson 1382 C)

Rubella vaccine For children in rich/poor countries (Shann and Steinhoff sII10)

Rural medicine Dilemmas for rural clinicians (877 E)

Russia Aid deal for TB control programme (Banatvala 56 N) (Banatvala et al 1036 C) (Oswald et al 1036 C)
Ryle J The physician as naturalist (1485 E)

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Sacroiliac joint Imaging and reporting after referral for lumbar spine examination (Matthews and Yates 483 R)
Sad experiences Positive potential (Burns-Cox 344 C)
Sadness Pathological see Depression
Safe motherhood initiative Mistakes and increase in mortality (Weil and Fernandez 940) (AbouZahr 2085 C) (De Brouwere et al 2085 C) (King 2086 C)
Safety Of aid workers in dangerous places (609 E)
Sahara Coeliac disease endemicity (Catassi et al 647 R)
St George's Hospital Clinical care review (963 E)
St John's wort Antibacterial activity of hyperforin (Ebrey 777 C) (Fiebich et al 777 C) (Voss and Verweij 777 C); Re-assessment of safety and interactions (Ernst 2014 Com)
St Louis encephalitis Aerial spraying of New York city for control (Frankel 1009 N); In New York city (Frankel 925 N) (Larkin 1184 N)
Saliva *Helicobacter pylori* diagnosis and genetics in remote infected populations (Broutet et al 1529 R)
Salmon Casein and anaphylaxis in milk allergic patient (Koppelman et al 2136 R)
Salmonella Adaptability, virulence factors and reasons for efficient spread (Larkin 654 N)
Salmonella typhi Ciprofloxacin-resistant (Kapil et al 164 C) (870 correction); Multidrug-resistant isolates in India (Chitnis et al 514 C)
Salmonella virchow Myocarditis due to and sudden infant death from (Neuwirth et al 1004 R)
Samuelsson B I (Raju 1914)
Saphenous vein grafts Prediction of late mortality after angioplasty (Senior 2140 N)
Sarawak Subgenus B adenovirus isolated during fatal outbreak of hand, foot and mouth disease (Cardosa et al 987)
Sarcoglycan-sarcospan (SG-SSPN) complex Disruption in vascular smooth muscle in cardiomyopathy and limb-girdle muscular dystrophy (Bonn 748 N)
Sarcoidosis Early-onset, presenting with skin rash and tenosynovitis (case report) (Falcini et al 40) (Cimaz and Falcini 1035 C) (James 1035 C); Propionibacterial and mycobacterial DNA detection by PCR in lymph nodes (Ishige et al 120); Talc granulomatosis mimicking (case report) (Thomeer et al 124)
Sarcoma Treatment, German Cancer Prize (Jack 1452 N)
Sardinia *Helicobacter pylori* prevalence in shepherds and in sheep milk (Dore et al 132 R)
Sartorius muscle Polyarteritis involving (case report) (Reading et al 996)
Scalp ulcers New World screwworm infestation of head presenting with cellulitis and septicaemia (case report) (Mallon et al 1260)
Scarlet fever Staphylococcal (Farrell 880)
Scent synthesisers To be launched (Larkin 2142 N)
Schally A V (Raju 1481)
Schizophrenia Auditory hallucinations and bicameral mind (Olin 166 C); Comorbid learning disability and neuroanatomy (Sanderson et al 1867); Evolutionary explanations (Morris 228 N); Nuclear medicine role in (Costa et al 1109); Pharmacotherapy in individuals with intellectual disability (Santosh and Baird 238 S)
Schlag P German Cancer Prize (Jack 1452 N)
School of the Americas US funding cut (496 N)
Schoolchildren Backpack load and proposals for limitation (Negrini et al 1974 R)
Science By CNIO in Spain and Barbacid's direction (Bosch 492 N); E-mail service (Larkin 958 C); Origins and magic (Henry sIV23); Postmodern medicine and (Gray 1550); UNESCO's platform and approaches (1571 E)
Scientific misconduct COPE guidelines on action and advice (Ramsay 930 N); Over-exaggerated and handling procedures in Nordic countries (review) (Horton 7 Com) (Nylenna 57) (Nylenna et al 57) (Bergh and Södersten 601 C); Regulatory backlash and implications (Horton 7 Com); UK conference and national panel to be established (Horton 1623 N)
Scientific research Increased funding in UK (2061 N); Mexico (Cuevas-Sosa 685 C); *See also* Medical research
Scientists Centenarian (Greenwood 602 C); Sought by Canadian universities (Kondro 1454 N); Vulnerable to "harassment" under new US legislation (Larkin 1624 N)
Scleroderma Acute effects of nitric oxide on Raynaud's phenomenon (Freedman et al 739 R)
Sclerosing pancreato-cholangitis Response to steroid therapy (Erkelens et al 43 R) (Kasperlik-Zaluska et al 776 C)
Scorpion envenomation Serotherapy (randomised trial) (Abroug et al 906)
Scrapie Fly larvae and pupae as vectors (Post et al 1969 R)
Screening Bone mineral density in clinically silent coeliac disease (Mustalahti et al 744 R); Breast cancer see Breast cancer; Mammography; Cervical cancer see Cervical cancer; Cervical smears; Congenital dislocation of hip (Feldman 1490 Com) (Chan et al 1514); Cytopathology and histopathology (Quirke and Mapstone sI29); For distress in breast cancer and modification of attitudes (Tucker 1320 Com) (Watson et al 1331); Down's syndrome and reliable prenatal method (Senior 655 N); Down's syndrome in UK (1998) (Wald et al 1264 R) (Boyd and Chamberlain 2171 C); Fetal cardiac abnormalities and impact on prevalence of congenital heart disease at term (Bull et al 1242); Genetic disorders (van Ommen et al sI7); Hypothyroidism in pregnancy (Pop et al 1224 Com); Lung cancer by low-dose CT (Smith 86 Com) (Henschke et al 99) (Miettinen and Henschke 1205 C) (Murphy and Prull 1205 C) (Ajkay 1206 C) (Drury et al 1206 C) (Kawabata and Ueno 1206 C) (Mott 1206 C); Myths and *The Lancet* commentary on cervical cancer (Cox 431 C) (Raffle 431 C); Of neonates for hypothyroidism and phenylketonuria in Italy (Simini 577 N); Of neonates for toxoplasma infection (Greig and Holliman 1030 C) (Lebech and Petersen 1030 C); Oropharyngeal dysphagia in general hospitals (Farrell and O'Neill 355 Com); Ovarian cancer (Chappuis et al 509 C) (Emery et al 509 C) (Manassiev 509 C) (Jacobs et al 510 C); Sphingolipidosis (Winchester 879 Com) (Chen et al 901); Tuberculosis in schoolchildren (Tahir and Ramaiah 1735 C); For urothelial cancer using immunoassays detecting Mcm5 (Stoeber et al 1524 R); Virtual colonoscopy (CT colonography) as cost-effective test for colorectal cancer (Morrin et al 1048 Com)
Screwworm Infestation of head presenting with cellulitis and septicaemia (case report) (Mallon et al 1260)
Seasonal affective disorder (Doris et al 1372 S)
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β-Secretase As potential drug target in Alzheimer's disease (1450 N)
Secretin Not effective in treatment of autism (Ahmad 2140 N)
Security Effect of electronic anti-theft surveillance systems in shops on implantable cardioverter defibrillators (400 N)
Sedation Nurse-led for paediatric MRI (Laurence et al 953 C) (Miliar 953 C)
Seizures Extrahippocampal lesions causing and epilepsy surgery (Fisher and Blum 267 Com); Intractable in pregnancy associated with psychogenic non-epileptic attack disorder (NEAD) (case report) (Smith 1522); Neonatal after pyridoxine use (Baxter and Aicardi 2082 C) (South 2083 C)
Selective serotonin reuptake inhibitors (SSRI) In individuals with intellectual disability (Santosh and Baird 238 S); Post-traumatic stress disorder (Turner 1404 Com)
Self-testing HIV, unreliable kits (55 N)
Sellafield (Windscale) nuclear power-plant Cancer risk and (Birchard 845 N); Paternal preconceptional radiation exposure and stillbirths linked (Inskip 1400 Com) (Parker et al 1407)

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Depressive illness (Doris et al 1369)
Glaucoma (Coleman 1803)
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Leishmaniasis (Herwaldt 1191)
Long QT syndromes and torsade de pointes (Viskin 1625)
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Psychopharmacotherapy in children/adults with intellectual disability (Santosh and Baird 233)
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Sentinel lymph nodes Breast cancer and role of nuclear medicine (Krag and Moffat 1019); Conference and role of nuclear medicine (Krag and Moffat 1019); False-negative rate concerns in breast cancer (Keshtgar and Ell 773 C) (Rozenberg et al 773 C) (Fraile et al 774 C); Mapping and bone marrow micrometastatic analysis for staging in breast cancer (Relihan et al 129 R); Melanoma (Krag and Moffat 1019); Therapeutic implications in breast cancer (McIntosh et al 570 R) (Benson and Querci della Rovere 1998 C) (Kunkler 1998 C) (Purushotham et al 1999 C)
Sepsis Home-based management, effect on neonatal mortality (field trial) (Bang et al 1955); Immunotherapy and other strategies for treatment (Bradbury 135 N); Lactate as unreliable indicator of tissue hypoxia (James et al 505); Procalcitonin as marker (Brunkhorst 599 C) (Niebauer and Anker 599 C)
Septic shock Cytokines involved (Bradbury 135 N); Meningococcal, risk associated with plasminogen-activator-1 gene variations (Westendorp et al 561); New target (HMG-1) for treatment (Bradbury 135 N); Pathogenesis and possible drug targets (Rowe 2058 N); Procalcitonin as marker (Brunkhorst 599 C) (Niebauer and Anker 599 C)
Septicaemia After fibroid embolisation (Vashisht et al 307 R) (McLucas et al 1730 C) (Walker and Worthington-Kirsch 1730 C); Infections and role of nuclear medicine for evaluation (Corstens and van der Meer 768); Streptococcal, with myiasis due to New World screwworm infestation of head (case report) (Mallon et al 1260)
Serotherapy Scorpion envenomation (randomised trial) (Abroug et al 906)
Serotonin HT-3 receptor antagonist (ondansetron), profound fatigue in chronic liver disease relieved by (Jones 397 R)
Serotonin syndrome St John's wort causing (Ernst 2014 Com)
Serotoninergic neurotransmission Profound fatigue in chronic liver disease and relief with long-term ondansetron (Jones 397 R)
Severe combined immunodeficiency (SCID) Gene therapy advance (Barbour 2057 N)
Sevoflurane Dental outpatient anaesthesia for children and ventricular arrhythmia link (randomised trial) (Brandom and Herlich 1836 Com) (Blayney et al 1864)
Sex determination Campaign against illegal clinics in India (Sharma 1981 N)
Sex differences Of children and hyperemesis gravidarum link (Askling et al 2053 R); Impact on inheritance of ankylosing spondylitis (cohort study) (Calin et al 1687); Myocardial infarction (Bonn 401 N)
Sex offenders Demands for treatment in Israel (Fishman 1190 N)
Sexual abuse Demands for treatment of offenders in Israel (Fishman 1190 N); In Ethiopia and postcoital injury treatment (Muleta and Williams 2051 R)
Sexual assault In war and initiatives against rape (Ramsay 2018 Com); *See also* Rape
Sexual dysfunction Prevention by preservation of pelvic autonomic nerves during mesorectal excision (Maas et al 772 C)
Sexual intercourse Colour-coded clothing for family planning system in Philippines (Wallerstein 579 N); Treatment of postcoital injuries in Addis Ababa Fistula hospital (Muleta and Williams 2051 R)
Sexual networks STD transmission (Cates and Dallabetta sIV62)
Sexual reproduction Selection of harmful mutations prevented (Morris 255 C)
Sexually transmitted diseases (STDs) African conference (Logie 1104 N); Historical aspects (Fee sIV61); HPV transmission methods (Mindel and Tideman 2097 Com); "Inactive" polymer (cellulose acetate phthalate) active against (Larkin 399 N); Increase in students in Japan and education needed (Watts 405 N); Intracluster correlation of prevalence in community intervention trial (Kenya) (Feldblum et al 1356 R); In Japan (Watts 2059 N); Misdiagnosis and implications in low-prevalence situations (Trollope-Kumar 1745 Com) (Hawkes et al 1776); Present situation and future prospects (Cates and Dallabetta sIV62); Role of molecular diagnostics in management (meeting) (Morris 1977 N); Stigma (Gilman sIV15); Symptom management in low-income low-prevalence *vs* high-prevalence situations (Trollope-Kumar 1745 Com) (Hawkes et al 1776); Syphilis and abuse of stigma (Wakley prize essay) (Whitty 2147); Transmission dynamics and sexual networks (Cates and Dallabetta sIV62)
Sheep dip Risks with cumulative exposure (Morris 133 N)
Shock Hyperlactacidaemia and epinephrine link (James et al 505); *See also* Haemorrhagic shock; Septic shock
Showalter E (438 L)
SI (Système International d'Unités) (85 E)
Signs Need for studies and clinical assessments on (McAlister et al 1721)
Sildenafil (Viagra) For erectile dysfunction (Morgentaler 1716 S)
Singapore Mumps resurgence caused by Rubini mumps virus strain in vaccine (Goh 1355 R); Nipah virus encephalitis and association with pig farming (Farrar 1222 Com) (Paton et al 1253)

Single nucleotide polymorphisms (SNPs) Larger number identified than anticipated and estimated total number (Bonn 49 N)
Single-photon emission computed tomography (SPECT) Contralateral thalamic perfusion variations in reflex sympathetic dystrophy syndrome (Fukumoto et al 1790 R); Preoperative imaging of parathyroid glands (Loney et al 1819 C) (Chesser et al 1820 C)
Sjögren's syndrome Congestive heart failure caused by autoimmune myocarditis in (Levin et al 128 R) (Yoshioka et al 1996 C)
Skeletal metastases Radionuclide therapy (Chatal and Hoefnagel 933)
Skeleton Syphilis palaeoepidemiology (Bosch 2056 N)
Skin Barrier function mechanism (Rees 1491 Com); Blood flow stimulation in Raynaud's syndrome by nitric oxide-generating system (randomised trial) (Tucker et al 1670); Cellular prion protein expressed by bovine squamous epithelia (Pammer et al 1702 R); Disorders of pregnancy (Bos 1140 Com); Rash see Rash; *Toxocara canis* larvae (case report) (Aragane et al 1872)
Skin cancer Prevention campaigns (Australia) and D Hill's work (Tattam 1186 N); Sunscreen efficacy in prevention (randomised trial) (Hill 699 Com) (Green et al 723) (1038 correction) (Autier et al 2163 C) (Green et al 2163 C) (Linder and Tice 2163 C)
Sleep Disorders, pharmacotherapy in individuals with intellectual disability (Santosh and Baird 236 S); Disruption in Smith-Magenis syndrome due to melatonin (McBride 1618 N); Disturbances, in Alzheimer's disease (Foley 2098 Com); From early evening until early morning in familial advanced sleep-phase syndrome (FASPS) and mutation associated (Senior 840 N); Impact of sleep debt on metabolic/endocrine function (Spiegel et al 1435); Memory formation mechanism (Larkin 1532 N); Normal requirements and deficiency (Spiegel et al 1435); Prediction by warm hands/feet (840 N); Severe loss in cerebral Whipple's disease (case report) (Lieb et al 1966)
Sleep apnoea Central, in chronic stable heart failure (Lipkin 531 Com); Continuous positive airways pressure (Wright et al 600 C); See also Obstructive sleep apnoea
Sleep-disordered breathing In chronic stable heart failure (Lipkin 531 Com)
Sleep-wake cycle Abnormalities in Alzheimer's disease (Foley 2098 Com)
Sleeping sickness see Trypanosomiasis
Slum dwellers Mumbai (Bombay) and health effects of slum clearance (Emmel and D'Souza 1118)
Small intestine *Galanthus nivalis* agglutinin in genetically modified potatoes and effect in rats (Horton 1314 Com) (Kuiper et al 1315 Com) (Ewen and Pusztai 1353 R) (FitzGerald et al 1725 C) (Mowat 1725 C) (Ewen and Pusztai 1726 C) (Lachmann 1726 C) (Munro 1727 C) (Fenton et al 1728 C) (Kilpatrick 1728 C) (Feldbaum 1729 C) (Fisken 1729 C) (Horton 1729 C) (Klug 1729 C)
Smallpox More research needed before destruction of viruses (2146 N); Vaccines and concerns over deliberate release of virus (Baxby 422 C) (Blanchard et al 422 C)
Smell Loss (Larkin 2142 N); Memories elicited and mechanisms (Larkin 2142 N)
Smith H O (Raju 1567)
Smith-Magenis syndrome Sleep disruption caused by melatonin (McBride 1618 N)
Smoking Abstention for increased life expectancy (Mullan 1977 N); Adaptive angiogenesis in placentas (Pfarrer et al 303 R) (Widschwendter et al 1390 C); Anti-smoking legislation proposed in European Union (1888 N); Class-action lawsuit against tobacco companies won in Florida and implications (Larkin 231 N); Effect on oestrogen levels and ageing (Malnick et al 955 C); Impact and proposed control in Japan (Watts 843 N); Lung cancer cause acknowledged by Philip Morris (Murray 1456 N); Lung cancer link denied by Japan Tobacco (Murray 1456 N); Lung function loss and processes (Muers 177 Com); Passive see Passive smoking; Prevalence in pregnancy (400 N); Prevention campaigns (Australia) and D Hill's work (Tattam 1186 N); Secondary prevention of stroke and (review) (Hankey and Warlow 1459); Tobacco companies sued by snooker player (Birchard 494 N); Upper limit of carcinogens proposed for cigarettes (Gray et al 1036 C); WHO anti-tobacco accord meeting (Kapp 1622 N)
Smoking cessation Effect on lung function (Muers 177 Com); Transdermal nicotine patches prescribing and cost-effectiveness (Stapleton et al 210)
Smooth muscle Human CMV infection and atherosclerosis development (Bosch 1976 N); Sarcoglycan-sarcospan (SG-SSPN) complex disruption in cardiomyopathy and limb-girdle muscular dystrophy (Bonn 748 N)
Snell G D (Raju 1738)
Social activity Improved cognitive function in elderly linked (MacReady 491 N)
Social classes Health inequalities and accident rate in UK (Ashraf 2060 N)
Social factors Mass hysteria and Coca-Cola case (173 E)
Social medicine Transformations (historical) (Porter sIV57)
Society Disability understanding and cross-cultural perspective (Groce 756)
Sociogenic illness Coca-Cola association in Belgium (Nemery et al 77 C) (Van Loock et al 680 C) (Pouthier 681 C)
Sociological models Health care and (Chard 602 C)
Sodium channel Gene mutations in Brugada syndrome (Grace 445 Com)
Sodium pump Epinephrine-stimulated in injury and hyperlactacidaemia due to (James et al 505)
SOLVD trial Survival curves (Tan and Murphy 1378) (Lim and Struthers 2168 C) (Brotheridge 2169 C)
Somatic cloning Effects (Morris 255 C)
Somatostatin MIBG receptor scintigraphy and (Krag and Moffat 1020)
Sophocles Foot pain of Philoctetes (Grassi et al 2156)
South Africa Agreement with Uganda over AIDS information (658 N); AIDS care in confusion after claim over zidovudine toxic effects (Baleta 1711 N); Avoidable maternal deaths (Baleta 1536 N); Breastfeeding and HIV-1 transmission see Breastfeeding; Clinical trials and enrolment techniques (Larkin 1534 N); Extent of domestic violence against women (Baleta 580 N); Increased effects to control HIV spread (Baleta 844 N); Organophosphate poisoning (warfare) presenting with hyperventilation, hypophosphataemia and respiratory arrest (case report) (Björnsdóttir and Smith 2130); Politics of apology for human rights abuses (Summerfield 421); Rape incidence and "Take a Stand" movement against (Ramsay 2018 Com); Traditional healing practice using medicinal herbs (Kubukeli sIV24); US pact over international drug patent laws and AIDS drug prices (Baleta 1189 N)
Southall D Suspended over alleged lack of informed consent for babies on ventilation trial (Ramsay 2144 N)
Southern Africa AIDS agreement (658 N)
Soy protein Phyto-oestrogen benefits and need for supplement scrutiny (Newman 1184 N)
Spacers Home-made for bronchodilator therapy in children with asthma (randomised trial) (Zar et al 979)
Spain "Bribery" (by drug companies) of doctors investigated (Bosch 1537 N); Domestic violence increase (Bosch 752 N); Drug abuse policy renewed (Bosch 1622 N); Eating disorders investigation (1982 N); European BSE recommendations adopted despite cattle farmers anger (Bosch 138 N); Failure to implement WHO *Health for All 2000* (Bosch 1886 N); Food standards agency launched (Bosch 138 N); Free health care for illegal pregnant immigrants (Bosch 1368 N); Free HIV tests for pregnant women (Bosch 754 N); Hepatitis A outbreak due to clams (Bosch 1618 N); Integrated health services study centre launched by WHO (Bosch 930 N); Medical college council call for ethical medicine after ethics code approved (Bosch 1189 N); Medical council fined for sale of members' private data (Bosch 1801 N); Palliative care plan expanded and reforms approved (Bosch 1105 N); Patients' access to medical records (Bosch 232 N); Pregnancy of brain-dead mother (Bosch 2145 N); Social reasons rejected as contraindication to transplantation (Bosch 1454 N); Sued by European Commission over extra training for medical specialists (Bosch 314 N)
Spanish Society of Public Health and Health Administration (SESPAS) Health inequalities and failure to implement *Health for All 2000* (Bosch 1886 N)
Spatulas Efficacy of cervical smear collection devices: systematic review and meta-analysis (Martin-Hirsch et al 1763)
Specialists EU directive enforced by Italy (Simini 660 N); Increased subscription for medical indemnity in Ireland (McKenna and Geary 685 C) (Tomkins 1214 C); Indian medical board plan for global recognition of medical degrees (Sharma 579 N); Training in Spain and failure to apply European Commission legislation (Bosch 314 N)
Speech Influence of surgeon's experience on outcome of cleft lip/palate surgery (Williams et al 1697 R)
Sperm Decreased in-vitro fertilisation rates after pesticide exposure (Tielemans et al 484 R) (Infante-Rivard and Sinnett 1819 C); Importation of donated sperm from Denmark (1368)
Sperry R W (Raju 1828)
Sphingolipidosis Screening (Winchester 879 Com) (Chen et al 901)
Spina bifida Erectile dysfunction treatable (Palmer et al 125 R); Fetal surgery benefits/risks (Senior 1795 N)
Spinal ataxia Friedreich's see Friedreich's ataxia
Spinal column Dural ectasia for Marfan's syndrome diagnosis (De Paepe 878 Com) (Fattori et al 910)
Spinal cord Injuries, delayed healing (Larkin 1976 N); Regeneration enhanced by cleavage of inhibitory chondroitin sulphate proteoglycans (1976 N); Stimulation for angina management (Brodison and Chauhan 1748 Com)
Spinal dural arteriovenous fistula Presenting with progressive weakness in legs (case report) (van der Meulen et al 830)
Spinal fractures Reduced in postmenopausal women by raloxifene (MacReady 653 N)
Spinal fusion Adjacent-segment disease after (Javedan and Dickman 530 Com)
Spinal locomotor patterns Acute vestibulopathy improvement by running not walking due to (Brandt et al 746 R)
Spinal manipulation Effectiveness in low back pain (Senior 1706 N)
Spine Adjacent-segment disease after fusion (Javedan and Dickman 530 Com)
Spironolactone Heart failure treatment and RALES study (Richards and Nicholls 789 Com); Negative cross-reactivity in digoxin assays and intoxication due to (Steimer et al 1176 R)
Splenectomy Laparoscopic (Baccarani et al 513 C)
Sponges Historical aspects and role (Bellucci sIV5)
Sputum Left ventricular dysfunction diagnosis from (Leigh et al 833 R)
Squalamine In neuroblastoma (Parker 1100 N)
Squamous cell carcinoma Sunscreen efficacy and betacarotene supplementation effect for prevention (randomised trial) (Hill 699 Com) (Green et al 723) (1038 correction) (Autier et al 2163 C) (Green et al 2163 C) (Linder and Tice 2163 C); Tonsillar and increased risk in HPV-associated anogenital cancers (Frisch and Biggar 1442 R)
Squamous epithelium Cellular prion protein expressed by bovine skin and GI tract (Pammer et al 1702 R)
***SRD5A2* gene** Mutation associated with prostatic cancer in African-American and Hispanic men (Makridakis et al 975)
Sri Lanka Torture and human rights abuses (Welsh 420)
***SRY* gene (sex-determining-region Y)** (Hargreave 1746 Com)
Staphylococcal scalded-skin syndrome (Farrell 880 Com); Toxin (Farrell 880)
Staphylococci Coagulase-negative and cerebral palsy association (Mittendorf et al 1875 R)
Staphylococcus aureus Glycopeptide resistance development and mechanisms (Labarca 1270 N); Scalded-skin syndrome (Farrell 880 Com)
Staphylococcus saprophyticus β-lactam-dependent coagulase-negative in urinary tract infections (Worthington et al 1097 R)
Starvation Torsade de pointes and (Viskin 1631 S)
Statins Cardiovascular disease decreased by inflammation reduction mechanism (Bonn 311 N); Cholestatic liver dysfunction with (Wierzbicki and Crook 954 C); Cholesterol reduction and bone formation increased (1976 N)
Statistics Effect size and number needed to treat (NNT) (Fang et al 597 C) (Scholten et al 598 C)
Stearic acid In chocolate and link to cardiovascular disease risk (1881 N)
Steatohepatitis Non-alcoholic, causes (Knobler and Schattner 1298 C) (Luyckx et al 1298 C) (James and Day 1299 C) (Saibara et al 1299 C) (Krentz 1300 C)
Stem cell transplantation For delayed healing of spinal-cord injuries (Larkin 1976 N); Duchenne muscular dystrophy treatment (Bonn 1101 N); Late effects (McCann et al 778 C) (Leiper 1644 C)
Stem cells Support after high-dose chemotherapy by CD34 cell generation ex vivo (Reiffers et al 1092 R)
Stenting Restenosis prevention after (Sigwart 269 Com)
Sterilisation Human rights abuse/informed consent problems over for poor women in Mexico (Kirsch and Cedeño 419); Instruments and CJD transmission (Laurenson et al 1823 C)
Steroid 5α-reductase (*SRD5A2*) Mutation associated with prostatic cancer in African-American and Hispanic men (Makridakis et al 975)
Steroids Information leaflet and Plain English Campaign award (Sharp 2100 Com); In opsoclonus/myoclonus associated with enterovirus infection (case report) (Imtiaz and Vora 390); Response in sclerosing pancreato-cholangitis (Erkelens et al 43 R) (Kasperlik-Zaluska et al 776 C)
Stevens-Johnson syndrome Antiepileptic treatment associated (Dunn et al 1033 C)
STI 571 New drug for chronic myeloid leukaemia (Barbour 2057 N)
Stigma Disease (Savulescu and Kerin sIV16); Disease and (Gilman sIV15); Erasmus, syphilis and (Wakley prize essay) (Whitty 2147)
Stillbirths Paternal preconceptional radiation exposure and (Inskip 1400 Com) (Parker et al 1407); Rates in UK (1950-1990) (Inskip 1400 Com)
Stool *Clostridium difficile* isolated from 21-year lost specimen (Fekety et al 1115 Es); Non-invasive antigen-based assay for *Helicobacter pylori* (Vaira et al 30) (Caselli et al 1209 C) (Archimandritis et al 1210

C) (Plebani and Basso 1210 C) (Vaira et al1732 C)
STOP-2 trial Conventional vs newer antihypertensive agents (randomised trial) (Kendall 1744 Com) (Hansson et al 1751)
Strangulation attempt Stroke from traumatic arterial dissection due to (Nadareishvilli and Norris 159 C) (Emmerich and Fiessinger 160 C)
Stratum corneum Barrier function mechanism (Rees 1491 Com)
Streptococcal infections Post-infectious autoimmune neuropsychiatric disorders associated (PANDAS) and immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153)
Streptococci Group A β-haemolytic, post-infectious autoimmune neuropsychiatric disorders after and immunomodulatory therapy (Singer 1137 Com) (Perlmutter et al 1153); Group A transmission by human bite and necrotising fasciitis after (Wienert et al 572 R)
Streptococcus agalactiae Endocarditis and asystole due to (case report) (Aziz et al738)
Streptococcus pneumoniae Fluoroquinolone-resistant, spread across Canada (Mitchell 400 N); Immunisation of elderly and need for policy (2011 E); Vaccine see Pneumococcal vaccine
Stress Abnormal blinking in newscasters (Tsubota et al 308 R) (Gardner-Thorpe 1128 C); Effects buffered by exercise (Larkin 1797 N); Hypothalamic-pituitary-adrenocortical response assessment (Streeten 179 Com); Japanese government guidelines for workers (Watts 1273 N); Levels in UK doctors (McManus et al 1358 R)
Stress ulcer Prophylaxis and pneumonia risk (Webster 1835 Com)
Stroke Acute, limitations of clinical diagnosis (Allder et al 1523 R); Acute interventions (review) (Hankey and Warlow 1457); Costs of treatment/secondary prevention (Hankey and Warlow 1461); Effect of progestagens in low oestrogen oral contraceptives (Poulter et al 301 R); From traumatic arterial dissection (Nadareishvilli and Norris 159 C) (Emmerich and Fiessinger 160 C); Ischaemic, immunomodulatory therapy for reperfusion injury treatment (Barbour 1363 N); Ischaemic, risk reduced by fruit and vegetable consumption (1271 N); Ischaemic, treatment and secondary prevention (review) (Hankey and Warlow 1457); Occupational therapy for patients not admitted to hospital (randomised trial) (Walker et al 278) (Langhorne et al 1730 C) (Landi et al 1731 C); Oropharyngeal dysphagia screening/assessment in general hospitals (Farrell and O'Neill 355 Com); Prevention in women by low-dose aspirin (MacReady 840 N); Referral delays and need for improvement of assessment by hospital physicians (Johnston et al 47 R); Rehabilitation after and benefits associated with focus of therapy (randomised trial) (Wade 176 Com) (Kwakkel et al 191) (Kwakkel and Wagenaar 1642 C) (McNaughton et al 1642 C); Risk determinants in heart surgery patients (McCarthy 575 N); Risk increased by passive smoking (Bradbury 653 N); Treatment and secondary prevention (review) (Hankey and Warlow 1457)
Stroke units Acute stroke interventions (review) (Hankey and Warlow 1458)
Students Fee increase in Mexico and SOS to scientific community over implications (Cuevas-Sosa 1128 C); Sexually transmitted disease increase in Japan and response (Watts 405 N); See also Medical students
Subarachnoid haemorrhage Risk with aspirin use in women (MacReady 840 N)
Subcortical vascular encephalopathy Homocysteine in (Ducloux and Chalopin 1029 C) (Faßbender et al 1029 C)
Subgingival crevice New bacterial phylotypes and strains (2141 N)
Subjectivity Ethics and (von Engelhardt sIV47)
Substance P Increase associated with neuroproliferation in appendix (Di Sebastiano et al 461)
Subthalamic nucleus In Parkinson's disease and effect of functional neurosurgery (randomised trial) (Quinn 1658 Com) (de Bie et al 1665)
Sudan Medical achievements despite civil war (Homeida et al 601 C); Southern, famine (Creusvaux et al 832 R)
Sudden cardiac death Associated with *Rickettsia helvetica* and chronic perimyocarditis (Nilsson et al 1169); Diabetes as risk factor (Balkau et al 1968 R); Risk with exercise due to platelet activation (Bärtsch 1747 Com)
Sudden death Diabetes as risk factor (Balkau et al 1968 R); Hyperkalaemia and decreased Na,K-ATPase density/activity associated in Thailand (Smit 1182 R)
Sudden infant death From myocarditis due to *Salmonella virchow* (Neuwirth et al 1004 R)
Sugars Glycoforms and therapeutic uses (Rowe 402 N)
Suicide Assisted, Oregon's law blocked by US House of Representatives (Rovner 1623 N); Cancer patients cared at home by palliative-care teams (Ripamonti et al 1877 R); Feelings in last year of life of elderly preceding suicide (Waern et al 917 R); Increase in Japan and proposals for reduction (Watts 843 N); Increase in UK prisons (Ashraf 404 N); Non-physician assisted, allowed in Switzerland (Kapp 2059 N); Record levels in Ireland (55 N); See also Physician-assisted suicide
Suicide genes Gene-directed cancer therapy (Bonn 1364 N)
Sulphamethoxazole *Pneumocystis carinii* resistance due to dihydropteroate synthase (DHPS) gene mutations (Meshnick 1318 Com) (Helweg-Larsen et al 1347)
Sulphonylureas Blood glucose control with vs conventional therapy in type 2 diabetes (UKPDS 33) (602 correction)
Summerfield D (1398 L)
Sunscreens Efficacy in protection against skin cancer (randomised trial) (Hill 699 Com) (Green et al 723) (1038 correction) (Autier et al 2163 C) (Green et al 2163 C) (Linder and Tice 2163 C)
Superficial temporal artery Bypass for ocular ischaemic syndrome treatment (Kawaguchi et al 2052 R)
Superior ophthalmic vein Blood flow for diagnosis of intracranial hypotension (Chen et al 826)
Superior orbital fissure Trucut needle biopsy for rabies diagnosis (Tong et al 2137 R)
Supraventricular tachycardia Ventricular tachycardia misdiagnosed as (Spiece and Stewart 2165 C)
Surgeons Influence of experience on speech outcome in cleft lip/palate (Williams et al 1697 R); Jehovah's Witness, blood transfusion for patient and agreement with anaesthetist (Vreede 1734 C); Laparoscopic inguinal herniorrhaphy by specialists only see Laparoscopic inguinal herniorrhaphy; Reinstated at Hammersmith NHS Hospitals Trust (Sharp 575 N); Remuneration for cutting waiting lists in UK (Green 660 N)
Surgery Audit (UK) (310 N); Bone and joint (14th century - history article) (Bacić et al 1200) (Romanovsky 1910 C); Cardiac see Cardiac surgery; Cardiac risk stratification by clinical assessment before elective non-cardiac surgery and adequacy? (Kelion and Banning 1837 Com); Computer-assisted tools and interventional technologies (DiGioia and Jaramaz sIV46); Early vs watchful waiting in glue ear (1392 correction); Epilepsy with dual pathology (Fisher and Blum 267 Com); Herb–anaesthesia interactions risk (Larkin 1362 N); Higher oxygen concentrations to reduce postoperative nausea (Simini 1618 N); History of orthopaedics (Böni sIV45); Laparoscopic vs open inguinal herniorrhaphy (randomised trial) see Laparoscopic inguinal herniorrhaphy; Long-term outcome of obstructive uropathy after antenatal intervention (Freedman et al 374) (Freedman and Johnson 1904 C) (Johnson 1904 C) (Wisser et al 1905 C); No-touch for rectosigmoid cancer and blood dissemination of colonic epithelial cells after (Sales et al 392 R); Nuclear medicine role (Krag and Moffat 1019); Paediatric cardiac inquiry at Brompton Hospital (Ramsay 489 N); Postoperative pain control effect on subcutaneous oxygen tension and wound infections (Akça et al 41 R); Postsurgical adhesions reduced by $\alpha_v\beta_3$ integrin antibody (Pirisi 1184 N); Randomised controlled trials (RCT) (Fairbank 257 C); Rates for chronic low-back pain (Andersson 584); For recurrent otitis media not first-line intervention (925 N); Well-leg compartment syndrome due to positioning during (Heppenstall and Tan 970 Com)
Surgical instruments CJD agent transmission (Collinge 321) (Diringer 1823 C) (Laurenson et al 1823 C)
Sutherland E W Jr (Raju 961)
Swainsonine hydrochloride Therapy development (Rowe 402 N)
Swallowing disorders Screening/assessment in general hospitals (Farrell and O'Neill 355 Com)
Sweden Causes of cancer prevalence increase (Stenbeck et al 1093 R); Increased Crohn's disease incidence in children in Stockholm (Askling et al 1179 R); Multiple births after in-vitro fertilisation and need to reduce rate (Fisk and Trew 1572 Com) (Bergh et al 1579)
Swedish Trial in Old Patients with Hypertension-2 (STOP-2) Conventional vs newer antihypertensive agents (randomised trial) (Kendall 1744 Com) (Hansson et al 1751)
Swimming Performance deterioration in cold water and implications for resuscitation and death prevention (Ryan 613 Com) (Tipton et al 626) (Teramoto and Ouchi 1733 C)
Switzerland Non-physician assisted suicide allowed but not euthanasia (Kapp 2059 N); Vitamin cartel to be investigated (55 N)
Symptoms Need for studies and clinical assessments on (McAlister et al 1721)
Synacthen test, short Hypothalamic-pituitary-adrenocortical insufficiency testing and limitations (Streeten 179 Com)
Syndecan-1 Loss in inflammatory bowel disease and role in pathogenesis (Day and Forbes 62)
α-Synuclein gene Identification and relevance (Senior 1798 N)
Syphilis Abuse of stigma and (Wakley prize essay) (Whitty 2147); Epidemiology and diagnosis in skeletal specimen (Bosch 2056 N); Presentation with HSV-like encephalitis with disorientation and amnesia (case report) (Denays et al 1786)
Systemic lupus erythematosus Changes in cerebral blood flow after cold hand test in Raynaud's syndrome (Ferraccioli et al 2135 R)
Systemic sclerosis Microchimerism in Japanese women with (Murata et al 220 R)
Systolic blood pressure Changes decreased by compression hosiery in elderly with orthostatic hypotension (Henry et al 45 R)
Systolic heart failure Pharmacological therapy (MERIT-HF study) (Fagerberg et al 1471 C) (Liedholm et al 1671 C)

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Tachycardia Supraventricular, ventricular tachycardia misdiagnosed as (Spiece and Stewart 2165 C)
Tacrolimus In refractory polymyositis with interstitial lung disease (432 correction)
Taiwan Enterovirus-71 hand, foot and mouth disease epidemic (Chang et al 1582); Extent of antibiotic use indicated by antimicrobial activity in urine (Liu et al 1360 R); Need for China to change position over status (2093 E)
Talc-induced pulmonary lesions After blowing up balloons (case report) (Thomeer et al 124)
Taliban Sanctions against (Ahmad 1888 N); UN condemnation of human rights abuses in Afghanistan (Ahmad 752 N)
Tamoxifen Adverse effects and reduction by lower doses (Bonn 841 N); Cancer prevention and continuing debate (McNamee 1007 N); Doses to prevent breast cancer too high (Bonn 841 N); For intraductal breast cancer (Chan and Bundred 1211 C) (Dignam and Fisher 1211 C)
Tandem walking Fall-related risk factor and detection (Durward et al 220 R)
Tangier disease *ABC1* gene mutation and advances on HDL mechanism of action (Husten 574 N) (Owen 1402 Com); *ABC1* gene mutations and HDL deficiency (Owen 1402 Com)
TaqMan (van Ommen et al sI8)
Tattoos In mummies and link to acupuncture points to reveal "medical reports" from stone age (Dorfer et al 1023) (Moore 1650 C)
Tatum E (432 correction)
Taxane Glaucoma induced by (Fabre-Guillevin et al 1181 R)
Taxus Drugs based on (Stevenson 490 N)
TCDD Faecal excretion increased by Olestra and role in chloracne treatment (Geusau et al 1266 R)
T-cells Activation-induced cell death after left ventricular assist device implantation (Ankersmit et al 550); Change from Th1 phenotype by Campath-1H treatment of multiple sclerosis and development of thyroid autoimmunity (Coles et al 1691); Dynamics and loss in HIV-1 infection (Rowland-Jones 5 Com); HIV-infected after HAART and HIV reservoirs (1533 N); Inhibition of maturation of cells by *Plasmodium falciparum* and possible new vaccine strategy (Senior 50 N); MRP4 overexpression by and new mechanism of antiretroviral drug resistance (Moore 923 N); Th1/Th2, reason for low co-existence of asthma and diabetes (Bottini and Fontana 515 C) (Huang 515 C); Vaccines for hepatitis B treatment (Pianko and McHutchison 1662 Com); See also CD4 T-cells; CD8 T-cells
Tea Health effects biased by chocolate-containing tea flavonoids (catechins) (Arts et al 488 R) (Lazarus et al 1825 C)
Teaching hospitals In UK (Peckham 1542)
Teaching, medical History (Gourevitch sIV33); See also Medical education; Training
Teenagers see Adolescents
Tegafur In adjuvant therapy in serosa-negative gastric cancer (randomised trial) (Nakajima et al 273)
***TEL-AML1* translocation** As prenatal initiating event in acute lymphoblastic leukaemia development (Felix 1486 Com) (Wiemels et al 1499)
Telemedicine Diagnosis using (Balteskard and Rinde sIV14)
Telephone advice lines Nurse-led (Shekelle and Roland 88 Com); See also NHS Direct
Television Abnormal blinking in newscasters (Tsubota et al 308 R) (Gardner-Thorpe 1128 C); Genetically modified potatoes results and debate (Horton 1314 Com)
Telomerase Mutant, for inhibition of cancer cell growth (Bonn 1185 N)
Temin H M (Raju 1308)
Temperature Distal/proximal gradient and predictor of falling asleep (840 N)
Tenecteplase Single-bolus vs front-loaded alteplase in

acute myocardial infarction (randomised trial) (White 695 Com) (Assessment of the Safety and Efficacy of a New Thrombolytic (ASSENT-2) Investigators 716) (Norris 1818 C)
Tenosynovitis In early-onset sarcoidosis (case report) (Falcini et al 40) (Cimaz and Falcini 1035 C) (James 1035 C)
Terminally ill Attitudes of Italian doctors to euthanasia and physician-assisted suicide (Grassi et al 1876 R); BMA's debate on guidelines for care and EU involvement (Rogers 55 N); Hospice for children in Northern Ireland (140 N); Will to live fluctuation as death approaches (Chochinov et al 816) (Terman 2083 C) (Chochinov et al 2084 C) (Hanratty and Lawlor 2084 C) (Preston 2084 C)
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C	Correspondence	L	Lifeline
Com	Commentary	N	News
D	Dissecting Room	R	Research letter
Es	Essay	S	Seminar

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Smith I E 86 Com
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